

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A341
.1312A

**ANNUAL MAXIMUM FLOWS
FROM
SMALL AGRICULTURAL WATERSHEDS
IN THE
UNITED STATES**

AD-33 Bookplate
(1-63)

NATIONAL

**A
G
R
I
C
U
L
T
U
R
A
L**



LIBRARY

A341
.R312A

ANNUAL MAXIMUM FLOWS
FROM
SMALL AGRICULTURAL WATERSHEDS
IN THE
UNITED STATES

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Soil and Water Conservation Research Division
Washington 25, D. C.
In Cooperation with the
STATE AGRICULTURAL EXPERIMENT STATIONS

June 1958

FOREWORD

This document presents basic data relating to runoff from small agricultural watersheds in the United States. It is a continuation of the activity of processing and releasing hydrologic data gathered cooperatively with the State Experiment Stations and other agencies. It has been prepared by the Watershed Technology Research Branch of the Soil and Water Conservation Research Division as a means of furnishing basic information on annual maximum discharges and volumes of runoff from small experimental watersheds to the Soil Conservation Service, other governmental agencies, and private engineers.

Descriptions of the watersheds for which data are given herein are presented in the prior document "Monthly Precipitation and Runoff for Small Agricultural Watersheds in the United States." The page numbering in this document is identical to that in the other document.

The volume has been organized and assembled in loose leaf form so that additional sheets can be added as other data becomes available.

Cecil H. Wadleigh
Director, Soil and Water
Conservation Research Division

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

MAY 05 1977

CATALOGING - PREP.

TABLE OF CONTENTS

INTRODUCTION	PAGE
Cooperation and Acknowledgments	1
Explanation and Definitions	11

WATERSHED DATA

The decimal system of paging is used to index the watershed data. Pages are numbered according to location and watershed number. For example, page 5.1 is location 5 (College Park, Maryland), Watershed 1 (W-1 at College Park). Only the location number is given in the following tabulation.

Location

Arnot Forest, New York	1
Cohocton, New York	2
Dutchess County, New York	3
Freehold, New Jersey	4
College Park, Maryland	5
Hagerstown, Maryland	6
Auburn, Alabama	7
Vero Beach, Florida	8
Americus, Georgia	9
Watkinsville, Georgia	10
High Point, North Carolina	11
Statesville, North Carolina	12
Blacksburg, Virginia	13
Chatham, Virginia	14
Staunton, Virginia	15
Alhambra, Illinois	16
Edwardsville, Illinois	17
Elmwood, Illinois	18
Lafayette, Indiana	19
Clarinda, Iowa	20
Iowa City, Iowa	21
Shenandoah, Iowa	22
East Lansing, Michigan	23
Bethany, Missouri	24
McCredie, Missouri	25
Coshocton, Ohio	26
Hamilton, Ohio	27
Zanesville, Ohio	28
Colby, Wisconsin	29
Coon Valley, Wisconsin	30

TABLE OF CONTENTS (continued)

Fennimore, Wisconsin	31
LaCrosse, Wisconsin	32
Bentonville, Arkansas	33
Cherokee, Oklahoma	34
Guthrie, Oklahoma	35
Muskogee, Oklahoma	36
Stillwater, Oklahoma	37
Garland, Texas	38
Spur, Texas	39
Tyler, Texas	40
Vega, Texas	41
Riesel (Waco), Texas	42
Hays, Kansas	43
Hastings, Nebraska	44
Safford, Arizona	45
Colorado Springs, Colorado	46
Albuquerque, New Mexico	47
Mexican Springs, New Mexico	48
Santa Fe, New Mexico	49
Placerville, California	50
Santa Paula, California	51
Sebastopol, California	52
Vacaville, California	53
Watsonville, California	54
Emmett, Idaho	55
Moscow, Idaho	56
Newberg, Oregon	57
Dayton, Washington	58
Pullman, Washington (SCS Demonstration Project)	59
Pullman, Washington (Soil & Water Conservation Experiment Station)	60
Monticello, Illinois	61

INTRODUCTION

This volume presents annual maximum discharges and annual maximum volumes of runoff for time intervals of 1, 2, 6 and 12 hours, and 1, 2 and 8 days for most of the experimental agricultural watersheds in the United States. The principal experimental watersheds not included are forested watersheds for which the U. S. Forest Service has responsibility.

Cooperation and Acknowledgments

Over the years the establishment and operation of these experimental watershed projects have been the joint responsibility of various Federal, state, and local agencies. The federal agencies include the Bureau of Agricultural Engineering, the Soil Conservation Service, the Bureau of Plant Industry, and the Agricultural Research Service of the Department of Agriculture and the U. S. Geological Survey of the Department of the Interior. Throughout the life of the projects the State Experiment Stations of the 27 states within which the watersheds are located have cooperated in the planning and operation of the research projects. In several cases, local agencies such as drainage and conservancy districts have also cooperated in the work. At each project many individuals have contributed to the planning and establishment of the watersheds and the collection, compilation, and analysis of the data. A listing of many of those who made substantial contributions is given in the prior document on "Monthly Precipitation and Runoff for Small Agricultural Watersheds."

Explanation and Definitions

Descriptions of the watersheds for which data are presented here are given in the prior volume on "Monthly Precipitation and Runoff for Small Agricultural Watersheds in the United States." The page numbering of this volume is identical with that of the prior volume, that is, each watershed has the same page numbers in both documents.

The year used in the first column of the tabular sheet is the calendar year.

Under the maximum discharge heading the date column shows the day and month the instantaneous peak rate occurred. The rate is in inches per hour. In computing the rate, corrections were made for any significant pondage above the measuring device.

Under the maximum volume heading, the date refers to the day and month on which the interval began; thus if the interval began on December 30 at 11:59 p.m., the entry in the date column will be 12-30. The intervals are those for which the annual maximum volumes were recorded, without regard to even clock hours or days; for example, the six hour interval might begin at 1:32 p.m. and would end six hours later. The volume given is in inches of average depth over the watershed. The entry "T" indicates an amount of 0.005 inch or less.

Because of failure of the instruments, it was occasionally necessary to estimate portions of the record; where these estimates were of significant amount the value is noted as being estimated or partially estimated. The notes also include a statement on the quality of records; "Excellent" indicates in general that the records are probably accurate within 5 percent; "Good", within 10 percent; "Fair", within 15 percent; and "Poor", that the records may be in error by over 15 percent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ARNOT FOREST, NEW YORK										Watershed 1									
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																									
	1 hour			2 hours		6 hours		12 hours		1 day		2 days		8 days															
	Date	Rate		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.												
a 1941	12-24	e .22		12-24	e .12	4-6	e .16	4-6	e .39	4-6	e .56	4-5	e .77	4-4	e 1.29	4-3	e 2.34												
1942	8-13	2.34		8-13	1.79	8-13	2.64	8-13	3.22	8-13	3.29	8-13	3.35	8-13	3.41	8-13	4.04												
1943	5-26	.12		11-8	.08	11-8	.15	5-8	.37	5-8	.52	5-8	.58	4-19	.73	5-7	1.47												
1944	6-19	.26		6-19	.18	3-7	.26	3-16	.61	3-16	.90	3-16	1.13	3-15	1.32	3-15	1.84												
1945	5-17	.16		5-17	.15	5-17	.21	3-3	.34	3-3	.46	3-3	.52	3-16	.67	3-15	1.83												
1946	5-27	.14		5-27	.13	5-27	.24	5-27	.70	5-27	1.16	5-27	1.81	5-27	2.23	5-26	3.21												
b 1947	6-2	.41		6-3	.31	6-2	.51	6-2	.93	6-2	1.60	6-2	1.73	6-2	1.80	5-29	2.12												

Notes: a Records began Apr. 3. Quality of records: excellent. b Records ended Aug. 31.
e Partially estimated.

Notes: a Records began Apr. 3. Quality of records: excellent. b Records ended Aug. 31.
 e Partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ARNOT FOREST, NEW YORK Watershed 4										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
a	1941		4-5	.05	4-5	.10	4-5	.26	4-5	.46	4-5	.82	4-5	1.37	4-4	3.52				
	1942		8-13	.73	8-13	1.03	8-13	1.45	8-13	1.72	8-13	1.81	8-13	1.94	3-16	2.76				
	1943		11-8	.07	11-8	.13	11-8	.33	11-8	.50	3-16	.84	3-16	1.26	3-13	2.15				
	1944		5-7	.09	5-7	.18	5-7	.43	5-7	.70	5-7	1.02	5-7	1.31	5-7	1.96				
	1945		5-17	.09	5-17	.16	5-17	.33	3-16	.58	3-17	.96	3-16	1.94	3-14	4.18				
b	1946		5-27	.13	5-27	.25	5-27	.70	5-27	1.25	5-27	2.02	5-27	2.65	5-26	3.44				
	1947		6-2	.17	6-3	.29	6-2	.88	6-2	1.26	6-2	1.58	6-2	1.77	5-29	2.12				

Notes: a Records began Apr. 3. Quality of records: excellent. b Records ended Aug. 31.

Notes: a Records began Apr. 3. Quality of records: excellent. b Records ended Aug. 31.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COHOCTON, NEW YORK Watershed W-II										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
a 1938	6-7	.35	9-12	.03	9-12	.06	9-12	.09	9-12	.09	9-12	.09	9-12	.09	9-12	.09	9-12	.09		
1939	2-20	e .05	2-20	e .02	2-20	e .02	2-20	e .06	2-20	e .10	2-20	e .10	2-20	e .10	2-20	e .10	2-20	e .10		
1940	3-31	.10	3-31	.10	3-31	.18	3-31	.46	3-31	.68	3-30	.91	3-29	1.38	3-29	3.17	3-29	3.17		
1941	4-5	.02	4-5	.02	4-5	.03	4-5	.10	4-5	.19	4-5	.34	4-5	.45	4-5	.45	4-5	.45		
1942	3-16	.24	3-16	.18	3-16	.29	3-16	.65	3-16	.94	3-16	1.37	3-16	1.63	3-9	1.79	3-9	1.79		
1943	4-30	.05	4-30	.03	5-26	.04	5-26	.05	5-26	.08	5-26	.16	5-26	.20	5-26	.21	5-26	.21		
1944	2-23	e .04	2-23	e .03	2-23	e .06	2-23	e .10	2-26	.13	2-26	.19	2-22	.22	2-22	.43	2-22	.43		
b 1945	3-4	e .04	3-4	e .03	3-4	e .06	3-3	e .16	3-3	e .25	3-3	e .39	3-16	.50	3-3	e .71	3-3	e .71		

Notes: a - Records began Apr. 29. Quality of records: excellent except for those that are estimated, which are fair.
b - Records ended Oct. 13. e - Estimated or partly estimated.

Notes: a - Records began Apr. 29. Quality of records: excellent except for those that are estimated, which are fair.
b - Records ended Oct. 13. e - Estimated or partly estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COHOCTON, NEW YORK				Watershed W-III				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												2 days		8 days	
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
a 1938	7-21	.28	7-21	.09	7-21	.09	7-21	.09	7-21	.09	3-12	.10	3-12	.13	3-12	.15		
1939	3-24	.07	3-24	.06	3-24	.12	3-24	.20	3-24	.22	3-24	.29	3-24	.35	3-24	.36		
1940	3-31	.08	3-31	.08	3-31	.15	3-31	.32	3-31	.37	3-30	.56	3-29	.88	3-29	1.39		
1941	4-5	.11	4-5	.10	4-5	.15	4-5	.28	4-5	.35	4-5	.46	4-4	.52	3-28	1.23		
1942	3-16	1.30	3-16	.48	3-16	.64	3-16	.92	3-16	1.16	3-16	1.56	3-16	1.63	3-11	2.08		
1943	2-20	.07	2-20	.06	2-20	.13	2-20	.34	2-20	.49	3-11	.59	3-11	.69	3-11	.74		
1944	3-16 b	.07	3-25	.06	3-25	.11	2-26	.27	2-26	.43	2-26	.63	2-26	.86	2-24	.95		
c 1945	7-23	.30	7-23	.07	7-23	.07	7-23	.07	7-23	.07	7-23	.07	7-23	.07	7-18	.08		

Notes: a - Records began Mar. 10. Quality of records: excellent. b - Equal peak Mar. 25. c - Records ended Oct. 12.

Notes: a - Records began Mar. 10. Quality of records: excellent. b - Equal peak Mar. 25. c - Records ended Oct. 12.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FREEHOLD, NEW JERSEY				Watershed W-I			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
a 1938	7-15	1.68	9-21	.60	9-21	1.02	9-21	1.57	9-21	1.78	6-26	2.24	6-26	2.29	6-23	2.97	
1939	8-19	.35	8-19	.21	8-19	.28	2-3	.52	2-3	.63	2-3	.69	2-2	.70	1-29	.96	
1940	8-19	1.76	8-19	.38	8-19	.41	8-19	.41	8-19	.41	3-3	.70	3-3	.73	3-3	.73	
1941	6-30	2.00	6-30	.51	6-30	.72	2-7	1.31	2-7	1.46	2-7	1.46	2-7	1.46	2-7	1.46	
1942	7-11	.92	7-11	.49	7-11	.56	7-11	.56	2-7	.64	2-7	.64	2-7	.64	1-31	.87	
b 1943	6-17	1.56	6-17	.35	3-6	.43	3-6	.69	3-6	.70	3-6	.70	2-5	.88	2-4	1.30	

Notes: a - Records began Jan. 1. Quality of records: excellent. b - Records ended Oct. 2.

Notes: a - Records began Jan. 1. Quality of records: excellent. b - Records ended Oct. 2.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FREEHOLD, NEW JERSEY Watershed W-11									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a 1938	6-23	1.58	6-23	.70	6-23	.79	9-21	.84	6-27	.88	6-26	1.22	6-26	1.22	6-23	2.05			
1939	8-19	.53	8-19	.37	1-30	.47	2-3	.79	2-3	.99	2-2	1.16	2-2	1.28	1-29	1.92			
1940	5-21	1.64	5-31	.46	5-31	.59	5-31	.70	5-31	.71	5-31	.71	5-31	.71	5-31	.71			
1941	6-30	1.03	6-30	.34	2-7	.51	2-7	.81	2-7	.90	2-7	.91	2-7	.91	2-7	.91			
1942	7-11	.23	7-11	.12	7-11	.13	7-11	.13	7-11	.13	7-11	.13	7-11	.13	7-11	.13			
b 1943	6-17	.36	6-17	.09	6-17	.09	2-5	.12	2-5	.16	2-5	.18	2-4	.36	2-4	.42			
c 1950	8-3	.28	8-20	.18	8-3	.27	8-3	.45	8-3	.45	8-3	.45	8-3	.45	8-3	.45			
1951	10-7	e .24	10-7	e .13	10-7	e .16	10-7	e .17	10-7	e .18	10-7	e .18	10-7	e .18	10-7	e .18			
1952	8-6	.09	8-6	.03	8-6	.03	8-6	.04	5-31	.05	5-31	.05	5-31	.05	8-6	.07			
1953	5-15	.03	3-13	.02	3-13	.03	3-13	.05	3-12	.05	3-12	.05	3-12	.05	3-12	.05			
1954	9-11	.06	9-11	.02	9-11	.03	9-11	.08	9-11	.09	9-11	.09	9-11	.09	9-11	.09			
d 1955	8-12	e .18	8-12	e .10	8-12	e .13	8-12	e .17	8-12	e .22	8-12	e .24	8-12	e .28	8-7	e .31			

Notes:

a

Records began Feb. 14.

b

Records discontinued Oct. 2.

c

Records resumed April 27.

d

Records ended Aug. 20.

e

Estimated.

Quality of records: excellent, except those estimated which are fair.

Notes: a Records began Feb. 14. b Records discontinued Oct. 2. No records 1944-49. c Records resumed April 27.
d Records ended Aug. 20. e Estimated. Quality of records: excellent, except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FRESHOLD, NEW JERSEY Watershed W-III								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
a 1938	9-21	.52	9-21	.48	9-21	.87	6-27	1.58	6-27	1.86	6-26	2.26	6-26	2.53	6-23	3.23		
1939	4-6	.31	8-19	.20	8-19	.31	8-19	.45	2-3	.58	2-2	.74	2-2	.93	1-29	1.93		
1940	8-19	.25	8-19	.17	8-19	.22	5-31	.34	3-4	.46	3-3	.91	3-3	1.03	2-29	1.10		
1941	2-7	.48	2-7	.45	2-7	.78	2-7	1.34	2-7	1.56	2-7	1.64	2-7	1.72	2-7	2.00		
1942	7-11	.26	7-11	.16	2-7	.20	2-7	.45	2-7	.57	2-7	.59	2-7	.63	1-31	.80		
b 1943	6-17	.10	6-17	.07	3-6	.10	3-6	.18	3-6	.21	2-5	.31	2-5	.55	2-4	1.05		
Notes: a - Records began Feb. 11. Quality of records: excellent. b - Records ended Oct. 2.																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COLLEGE PARK, MARYLAND										Watershed W-1		
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
a 1939	9-4	.57	9-4	.23	10-2	.26	10-2	.43	10-2	.43	10-2	.43	9-30	.45	9-30	.46
1940	4-20	.46	4-20	.36	4-20	.57	4-20	1.03	4-19	1.52	4-19	1.67	4-19	1.72	4-13	1.74
1941	8-19	.56	8-19	.32	8-19	.33	4-5	.46	4-5	.55	4-5	.57	4-5	.58	4-2	.58
1942	10-15	1.75	10-15	.99	10-15	1.68	10-15	1.96	10-15	2.00	10-15	2.54	10-15	2.93	10-14	2.94
1943	11-8	1.93	11-8	.78	11-8	1.69	11-8	2.28	11-8	2.39	11-8	2.39	11-8	2.39	11-8	2.39
1944	8-2	.49	8-2	.36	8-2	.46	3-12	.67	1-3	.80	1-3	1.09	1-3	1.23	1-3	1.38
1945	7-22	3.61	7-22	1.11	8-1	1.27	8-1	1.35	7-17	1.74	7-17	1.84	7-17	2.29	7-14	3.76
1946	7-23	2.04	7-23	.88	7-23	1.01	7-23	1.03	7-22	1.06	7-22	1.13	7-22	1.13	7-22	1.13
1947	6-7	1.07	6-7	.28	11-8	.35	11-8	.74	11-8	.80	11-8	.80	11-8	.80	11-8	1.30
1948	8-3	2.68	8-3	.93	8-3	1.00	8-3	1.02	2-14	1.41	2-14	1.74	2-14	1.79	7-31	2.52
1949	5-22	.26	3-23	.20	3-22	.35	3-22	.63	1-5	.95	1-5	1.23	1-5	1.26	12-29 ^b	2.17
1950	11-25	1.16	11-25	.75	11-25	.98	11-25	1.22	11-25	1.27	11-25	1.28	11-25	1.28	12-4	1.39
1951	6-3	1.76	6-3	1.25	6-3	1.70	6-3	1.82	6-3	1.82	6-3	1.83	6-3	1.83	6-3	3.55
1952	9-1	1.81	9-1	1.27	9-1	1.88	9-1	2.72	11-21	2.87	11-21	3.41	11-20	3.79	4-24	4.03
1953	8-8	1.35	8-8	.70	8-8	1.01	3-25	1.41	3-25	1.76	3-25	1.80	3-24	2.48	3-24	2.54
1954	6-15	2.45	6-15	.66	6-15	.68	6-15	.68	6-15	.68	6-15	.68	6-15	.68	6-15	.68

Notes: a - Records began August 30. Quality of records: excellent. b - Period began December 29, 1948, beginning January 1, 1.27 in.

Notes: a - Records began August 30. Quality of records: excellent. b - Period began December 29, 1948, beginning January 1, 1.27 in.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COLLEGE PARK, MARYLAND				Watershed W-2								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
a 1939	9-4	.37	9-4	.13	10-2	.14	10-2	.24	10-2	.24	10-1	.25	9-30	.28	9-30	.30
1940	8-31	.20	4-20	.11	4-20	.16	4-20	.30	4-20	.48	4-19	.51	4-19	.52	4-19	.52
1941	6-23	.84	8-19	.20	8-19	.21	8-19	.21	8-19	.21	8-19	.21	8-19	.21	6-17	.30
1942	8-10	.50	10-15	.36	10-15	.67	10-15	.80	10-15	.81	10-15	.96	10-15	1.07	10-15	1.07
1943	11-8	1.48	11-8	.70	11-8	1.13	11-8	1.48	11-8	1.54	11-8	1.54	11-8	1.54	11-8	1.54
1944	9-1	1.64	9-13	.23	1-3	.30	1-3	.54	1-3	.98	1-3	1.18	1-3	1.22	1-3	1.28
1945	6-21	2.62	7-22	.96	7-22	1.01	7-17	1.01	7-17	1.19	7-17	1.21	7-17	1.42	7-14	2.74
1946	7-23	1.10	7-23	.67	7-23	.81	7-23	.83	7-22	.84	7-22	.85	7-22	.85	7-22	.85
1947	6-7	1.10	6-13	.09	6-13	.14	11-8	.18	11-8	.19	11-8	.19	11-8	.19	11-8	.32
1948	8-3	1.24	8-3	.61	8-3	.66	2-14	.70	2-14	.89	2-14	.91	2-14	.96	8-1	1.13
1949	5-22	.24	5-22	.14	5-22	.15	5-22	.21	1-5	.30	1-5	.38	1-5	.38	12-29	b .63
1950	11-25	.64	11-25	.40	11-25	.48	11-25	.54	11-25	.55	11-25	.55	11-25	.55	11-25	.55
1951	6-3	1.15	6-3	.88	6-3	1.14	6-3	1.17	6-3	1.17	6-3	1.17	6-3	1.17	6-3	1.78
1952	9-1	.72	9-1	.52	9-1	.80	11-21	1.14	11-21	1.60	11-21	1.80	11-20	1.85	11-20	1.86
1953	8-8	1.20	8-8	.24	3-25	.41	3-25	.84	3-25	1.00	3-25	1.01	3-24	1.20	3-18	1.25
1954	6-15	1.30	6-15	.35	6-15	.37	6-15	.37	6-15	.37	6-15	.37	6-15	.37	6-15	.37

Notes: a - Records began Aug. 30. Quality of records: excellent. b - Period began Dec. 29, 1948, beginning Jan. 1, 0.38 in.

Notes: a - Records began Aug. 30. Quality of records: excellent. b - Period began Dec. 29, 1948, beginning Jan. 1, 0.38 in.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND						Watershed W-3					
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a 1939	11-5	.02	11-5	.02	11-5	.03	11-5	.04	11-5	.04	11-5	.04	11-5	.04	10-31	.06	10-31	.06			
1940	8-31	.88	8-31	.34	8-31	.57	8-31	.57	8-31	.58	8-31	.58	8-31	.58	8-26	.61	8-26	.61			
1941	6-17	1.65	6-17	.74	6-17	.76	6-17	.76	6-17	.76	6-17	.76	6-17	.76	6-17	1.01	6-17	1.01			
1942	8-10	3.17	8-10	.70	8-8	1.05	8-8	1.24	8-8	1.27	8-8	1.27	8-8	1.86	8-8	2.93	8-8	2.93			
1943	11-8	.91	11-8	.26	11-8	.73	11-8	.73	11-8	.73	11-8	.73	11-8	.73	11-8	.73	11-8	.73			
1944	9-13	1.87	9-13	.49	9-13	.63	1-3	1.06	1-3	1.13	1-3	1.13	1-3	1.13	1-3	1.13	1-3	1.13			
1945	7-10	2.11	7-26	.82	7-26	1.13	7-26	1.13	7-26	1.13	7-26	1.13	7-26	1.18	7-19	1.70	7-19	1.70			
1946	7-23	.08	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05			
1947	5-22	.08	5-22	.02	5-22	.03	5-22	.03	5-22	.03	5-22	.03	5-22	.03	11-8	.05	11-8	.05			
1948	8-1	.16	2-14	.12	2-14	.51	2-14	.70	2-14	.70	2-14	.70	2-14	.70	2-12	.72	2-12	.72			
1949	8-28	.34	8-28	.01	3-23	.02	3-23	.02	3-23	.02	3-23	.02	3-23	.02	3-23	.02	3-23	.02			
1950	7-5	1.37	7-5	.22	7-5	.23	7-5	.23	7-5	.28	7-4	.28	7-4	.28	7-4	.28	7-4	.28			
1951	6-3	.85	6-3	.26	6-3	.30	6-3	.30	6-3	.33	6-3	.33	6-3	.34	6-3	.48	6-3	.48			
1952	9-1	1.01	9-1	.52	9-1	.75	8-31	.93	8-31	.93	8-31	.93	8-31	.93	8-31	.93	8-31	.93			
1953	8-8	1.92	8-8	.39	8-8	.49	8-8	.49	8-8	.49	8-8	.49	8-8	.49	8-8	.49	8-8	.49			
1954	8-5	.93	6-15	.22	6-15	.22	6-15	.22	6-15	.22	6-15	.22	6-15	.22	6-15	.22	6-15	.22			

Notes: a - Records began October 25. Quality of records: excellent. See watershed description for changes in drainage area in 1941 and 1944.

Notes: a - Records began October 25. Quality of records: excellent. See watershed description for changes in drainage area in 1941 and 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COLLEGE PARK, MARYLAND Watershed W-4												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
a 1939	11-5	.04	11-5	.03	11-5	.04	11-5	.06	11-5	.06	11-5	.06	11-5	.06	10-31	.09
1940	8-31	1.42	8-31	.53	8-31	.83	8-31	.87	8-31	.88	8-31	.88	8-31	.88	8-26	.90
1941	6-17	1.12	6-17	.43	6-17	.45	6-17	.45	6-17	.45	6-17	.45	6-17	.45	6-17	.70
1942	5-22	.62	8-10	.22	10-15	.34	10-15	.38	10-15	.39	10-14	.41	8-8	.61		
1943	8-27	2.21	11-8	.58	11-8	.77	11-8	1.04	11-8	1.04	11-8	1.04	11-8	1.04	11-8	1.04
1944	9-1	4.33	8-2	.68	9-13	.94	8-2	1.34	8-2	1.34	9-13	1.35	9-6	1.36		
1945	7-10	2.78	7-26	.98	7-26	1.14	7-26	1.14	7-26	1.14	7-26	1.16	7-26	1.78		
1946	7-23	.25	7-23	.08	7-23	.09	7-23	.09	7-23	.09	7-23	.09	7-23	.09	7-23	.09
1947	5-18	.24	5-22	.02	5-22	.03	5-22	.03	5-22	.03	5-22	.03	5-22	.03	11-3	.09
1948	8-3	.36	2-14	.07	2-14	.13	2-14	.28	2-14	.41	2-14	.42	2-14	.42	2-12	.44
1949	8-28	.19	3-22	.02	3-22	.03	3-22	.04	3-22	.04	3-22	.04	3-22	.04	3-22	.05
1950	7-5	.64	11-25	.14	11-25	.17	11-25	.18	11-25	.18	11-25	.18	11-25	.18	11-25	.18
1951	6-3	.75	6-3	.32	6-3	.35	6-3	.35	6-3	.35	6-3	.37	6-3	.37	6-3	.57
1952	9-1	1.78	9-1	.85	9-1	1.07	9-1	1.15	9-1	1.15	9-1	1.15	9-1	1.15	9-1	1.15
1953	8-8	4.02	8-8	.58	8-8	.62	8-8	.62	3-24	.64	3-24	.64	3-24	.73	3-24	.73
1954	7-15	2.56	6-15	.35	6-15	.35	6-15	.35	6-15	.35	6-15	.35	6-15	.35	8-3	.38

Notes: a - Records began October 25. Quality of records: excellent. See watershed description for changes in drainage area in 1941 and 1944.

Notes: a - Records began October 25. Quality of records: excellent. See watershed description for changes in drainage area in 1941 and 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS														COLLEGE PARK, MARYLAND Watershed W-5			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
a 1939	4-20	.18	4-20	.12	4-20	.15	4-20	.27	4-20	.39	4-20	.40	4-20	.40	4-20	.40	
1940	8-19	.32	8-19	.21	8-19	.27	8-19	.28	8-19	.28	8-19	.28	8-19	.28	6-17	.44	
1941	8-10	.54	10-15	.43	10-15	.77	10-15	.91	10-15	.91	10-15	.96	10-15	.98	10-14	.99	
1942	11-8	1.13	11-8	.59	11-8	.94	11-8	1.20	11-8	1.23	11-8	1.23	11-8	1.23	11-8	1.23	
1943																	
1944	8-2	.20	8-2	.16	8-2	.21	8-2	.29	1-3	.51	1-3	.54	1-3	.55	1-3	.55	
1945	7-22	1.45	7-22	.60	7-22	.71	7-22	.74	7-22	.74	7-22	.74	7-22	.74	7-17	1.48	
1946	7-23	.39	7-23	.29	7-23	.42	7-23	.49	7-23	.49	7-23	.49	7-23	.49	7-23	.49	
1947	6-7	.33	6-13	.17	6-13	.25	6-13	.32	6-13	.32	6-13	.39	6-13	.39	6-7	.86	
1948	8-3	.79	8-3	.37	8-3	.48	2-14	.67	2-14	.77	2-14	.80	2-14	.80	2-14	.80	
1949	1-5	b	1-5	b	1-5	b	1-5	.14	1-5	.20	1-5	.22	1-5	.22	12-29	c .33	
1950	11-25	.36	11-25	.23	11-25	.32	11-25	.40	11-25	.41	11-25	.41	11-25	.41	11-25	.41	
1951	6-3	.82	6-3	.47	6-3	.60	6-3	.71	6-3	.71	6-3	.71	6-3	.71	6-3	1.23	
1952	9-1	.76	11-21	.40	9-1	.62	9-1	.85	11-21	1.00	11-21	1.07	11-20	1.08	11-20	1.08	
1953	8-8	.68	8-8	.42	8-8	.57	3-25	.78	3-25	.86	3-25	.87	3-24	1.03	3-24	1.05	
1954	6-15	.63	6-15	.28	6-15	.33	6-15	.35	6-15	.35	6-15	.35	6-15	.35	6-15	.35	

Notes: a - Records began Nov. 18. Quality of records: excellent. b - Equal events occurred Jan. 5 and Mar. 23.
c - Period began Dec. 29, 1948, beginning Jan. 1, .22 in.

Notes: a - Records began Nov. 18. Quality of records: excellent. b - Equal events occurred Jan. 5 and Mar. 23.
 c - Period began Dec. 29, 1948, beginning Jan. 1, 1949.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND Watershed W-6										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days							
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
1940	8-31	1.21	8-31	.34	8-31	.66	8-31	.73	8-31	.73	8-31	.78	8-31	.78	8-31	.78				
1941	8-19	.45	8-19	.16	8-19	.16	8-19	.16	8-19	.16	8-19	.16	8-19	.16	8-15	.18				
1942	8-10	1.65	10-15	.69	10-15	1.10	10-15	1.16	10-15	1.16	10-15	1.20	10-14	1.22	10-14	1.28				
1943	11-8	3.09	11-8	.94	11-8	1.54	11-8	1.90	11-8	1.93	11-8	1.93	11-8	1.93	11-2	1.97				
1944	9-13	1.43	8-2	.37	8-2	.58	8-2	.80	1-3	.90	1-3	.97	1-3	.97	1-3	.97				
1945	7-17	2.11	7-17	.95	7-17	1.02	7-17	1.04	7-17	1.07	7-17	1.07	7-17	1.11	7-14	1.94				
1946	7-23	1.15	7-23	.49	7-23	.52	7-23	.52	7-23	.52	7-22	.54	7-22	.54	7-22	.54				
1947	6-7	.30	11-8	.10	11-8	.12	11-8	.17	11-8	.17	11-8	.17	11-8	.17	11-3	.27				
1948	8-3	1.34	8-3	.39	8-3	.40	2-14	.41	2-14	.54	2-14	.54	2-14	.54	8-1	.60				
1949	8-3	.17	5-22	.07	5-22	.08	5-22	.11	5-22	.11	5-22	.11	5-22	.11	5-22	.11				
1950	11-25	1.09	11-25	.60	11-25	.67	11-25	.76	11-25	.76	11-25	.76	11-25	.76	11-25	.76				
1951	6-3	* 1.09	6-3	* .61	6-3	* .72	6-3	* .73	6-3	* .73	6-3	* .73	12-20	.78	6-3	* .87				
1952	9-1	* 1.48	9-1	* .81	9-1	* .98	8-31	* 1.04	8-31	* 1.04	8-31	* 1.04	8-31	* 1.04	8-31	* 1.04				
1953	8-8	* .92	8-8	* .33	8-8	* .39	3-25	.48	3-25	.51	3-25	.51	3-24	.55	3-24	.55				
1954	6-15	* 3.85	6-15	* 1.05	6-15	* 1.06	6-15	* 1.06	6-15	* 1.06	6-15	* 1.06	6-15	* 1.06	6-15	* 1.06				
1955	6-23	* .61	6-23	* .15	8-13	.21	8-13	.24	8-12	.42	8-12	.49	8-12	.49	8-12	* .63				
1956	9-27	.03	9-27	.01	9-27	.01	9-27	.01	9-27	.01	9-27	.01	9-27	.01	9-27	.01				
1957	12-20	.08	12-20	.03	12-20	.03	12-20	.06	12-20	.06	12-20	.06	12-20	.06	12-20	.10				

Notes: a - Records began Aug. 29. Quality of records: excellent, except those marked (*) which are too high due to inflow from adjacent plot land above inadequate culvert in boundary terrace.

Notes: a - Records began Aug. 29. Quality of records: excellent, except those marked (*) which are too high due to inflow from adjacent plot land above inadequate culvert in boundary terrace.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND										Watershed W-7				
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
				1 hour			2 hours			6 hours			12 hours			1 day			2 days			8 days		
	Date	Rate		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1940	8-31	e 1.25		8-31	e .41	8-31	e .73	8-31	e .80	8-31	e .80	8-31	e .80	8-31	e .87	8-31	e .87	8-31	e .87	8-31	e .87	8-31	e .87	
1941	8-19	.80		8-19	.24	8-19	.24	8-19	.24	8-19	.24	8-19	.24	8-19	.24	8-19	.24	8-19	.24	8-15	.26	8-15	.26	
1942	8-10	2.42		10-15	.98	10-15	1.54	10-15	1.73	10-15	1.73	10-15	1.75	10-15	1.87	10-15	1.99	10-15	1.99	10-14	2.05	10-14	2.05	
1943	11-8	2.24		11-8	.85	11-8	1.50	11-8	1.92	11-8	1.92	11-8	1.97	11-8	1.97	11-8	1.97	11-8	1.97	11-2	1.98	11-2	1.98	
1944	8-2	.93		8-2	.37	8-2	.49	8-2	.80	8-2	.80	8-2	.80	8-2	.80	8-2	.80	8-2	.80	8-2	.80	8-2	.80	
1945	7-17	b 1.44		7-17	.68	7-17	.75	7-17	.80	7-17	.80	7-17	.86	7-17	.86	7-17	.89	7-17	.89	7-14	1.46	7-14	1.46	
1946	7-23	.71		7-23	.41	7-23	.46	7-23	.46	7-23	.46	7-23	.46	7-23	.46	7-23	.46	7-23	.46	7-23	.46	7-23	.46	
1947	11-8	.10		11-8	.06	11-8	.08	11-8	.15	11-8	.15	11-8	.15	11-8	.15	11-8	.15	11-8	.15	11-8	.22	11-8	.22	
1948	8-3	1.00		8-3	.37	8-3	.37	2-14	.41	2-14	.41	2-14	.41	11-28	.44	11-28	.44	11-28	.44	11-27	.67	11-27	.67	
1949	1-5	.07		1-5	.06	1-5	.09	1-5	.15	1-5	.15	1-5	.19	1-5	.19	1-5	.19	1-5	.19	12-29	c .25	12-29	c .25	
1950	11-25	1.14		11-25	.63	11-25	.74	11-25	.83	11-25	.83	11-25	.83	11-25	.83	11-25	.83	11-25	.83	11-25	.83	11-25	.83	
1951	6-3	1.00		6-3	.68	6-3	.80	6-3	.81	6-3	.81	6-3	.81	6-3	.81	6-3	.81	6-3	.81	6-3	1.18	6-3	1.18	
1952	9-1	1.55		9-1	.97	9-1	1.21	9-1	1.34	9-1	1.34	9-1	1.34	9-1	1.34	9-1	1.34	9-1	1.34	9-1	1.34	9-1	1.34	
1953	3-15	.58		3-15	.30	3-15	.49	3-25	.97	3-25	.97	3-25	1.06	3-25	1.07	3-24	1.21	3-24	1.21	3-24	1.21	3-24	1.21	
1954	6-15	.39		6-15	.17	6-15	.18	6-15	.18	6-15	.18	6-15	.18	6-15	.18	6-15	.18	6-15	.18	6-15	.18	6-15	.18	
1955	8-18	.58		8-13	.30	8-13	.50	8-13	.81	8-13	.81	8-12	1.43	8-12	1.52	8-12	1.52	8-12	1.52	8-12	2.04	8-12	2.04	
1956	3-14	.08		3-14	.06	3-14	.09	3-14	.12	3-14	.12	3-14	.13	3-14	.13	3-14	.13	3-14	.13	3-14	.13	3-14	.13	
1957	12-20	.36		12-20	.12	12-20	.15	12-20	.37	12-20	.37	12-20	.40	12-20	.40	12-20	.40	12-20	.40	12-20	.40	12-20	.70	

Notes: a - Records began Aug. 31. Quality of records: excellent. b - Equal peak July 22. c - Period began Dec. 29, 1948, beginning Jan. 1, 0.19 in. e - Partially estimated.

Notes: a - Records began Aug. 31. Quality of records: excellent. b - Equal peak July 22. c - Period began Dec. 29, 1948, beginning Jan. 1, 0.19 in. e - Partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND				Watershed W-8			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1940	11-26	.07	11-26	.06	11-26	.12	11-26	.24	11-26	.30	11-26	.32	12-28	.32			
1941	4-5	.11	4-5	.11	4-5	.20	4-5	.47	4-5	.63	4-5	.72	4-1	.74			
1942	10-15	.34	10-15	.28	10-15	.46	10-15	.76	10-15	.84	10-15	1.01	10-15	1.33			
1943	11-8	.50	11-8	.37	11-8	.62	11-8	1.06	11-8	1.28	11-8	1.33	2-4	1.39			
1944	3-13	.13	3-13	.13	3-13	.24	3-13	.50	3-13	.62	3-13	.68	1-3	.95			
1945	7-17	.40	7-17	.34	7-17	.55	7-17	1.03	7-17	1.40	7-17	1.57	7-17	1.81			
1946	6-2	.06	6-2	.06	6-2	.11	6-2	.22	6-2	.27	6-2	.29	2-19	.36			
1947	5-22	.16	5-22	.14	5-22	.25	5-22	.47	5-22	.56	5-22	.61	5-22	.63			
1948	3-23	.16	3-23	.15	3-23	.27	3-23	.53	3-23	.67	1-1	.99	1-1	1.09			
1949	3-23	.10	3-23	.10	3-23	.18	3-23	.42	3-23	.54	1-5	.86	1-5	.92			
1950	11-25	.36	11-25	.28	11-25	.45	11-25	.80	11-25	.97	11-25	1.06	11-25	1.09			
1951	6-3	.23	6-3	.21	6-3	.36	6-10	.84	6-10	1.14	6-10	1.31	6-8	1.35			
1952	11-21	.34	11-21	.31	11-21	.54	11-21	1.04	11-21	1.58	11-21	1.90	4-25	2.24			
1953	3-25	.24	3-25	.23	3-25	.43	3-25	.98	3-25	1.32	3-24	1.49	3-24	1.92			
1954	4-27	.10	4-27	.09	4-27	.18	4-27	.39	4-27	.51	4-27	.60	4-27	.65			
Notes: a - Records began Aug. 17. Quality of records: excellent.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND Watershed W-9									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1940	12-28	.002	11-2	.001	11-2	.001	11-2	.001	12-28	.004	12-28	.008	12-28	.01	12-28	.02			
1941	4-5	.017	4-5	.02	4-5	.03	4-5	.07	4-5	.10	4-5	.13	4-5	.14	4-2	.16			
1942	10-26	.012	10-26	.01	10-26	.02	12-30	.06	12-29	.10	12-29	.14	12-29	.18	3-31	.26			
1943	11-8	.078	11-8	.06	11-8	.09	11-8	.14	11-8	.17	11-8	.18	11-8	.18	2-5	.24			
1944	3-13	.024	3-13	.02	3-13	.04	3-13	.08	1-3	.12	1-3	.16	1-3	.18	3-7	.22			
1945	7-27	.073	7-27	.06	7-27	.09	7-26	.17	7-17	.25	7-17	.29	7-17	.35	7-17	.51			
1946	1-1	.002	1-1	.002	1-1	.003	1-1	.01	1-1	.02	1-1	.02	1-1	.03	2-14	.04			
1947	5-22	.013	5-22	.01	5-22	.02	5-22	.05	5-22	.07	5-22	.09	5-22	.10	5-22	.10			
1948	11-28	.021	11-28	.02	11-28	.04	11-28	.10	11-28	.19	11-28	.27	11-28	.31	11-27	.47			
1949	1-5	.019	1-5	.02	1-5	.04	1-5	.09	1-5	.15	1-5	.19	1-5	.23	12-30	.40			
1950	11-25	.123	11-25	.09	11-25	.13	11-25	.22	11-25	.26	11-25	.29	11-25	.30	11-25	.30			
1951	6-10	.051	6-10	.05	6-10	.10	6-10	.22	6-10	.30	6-10	.35	6-10	.37	6-10	.58			
1952	11-21	.190	11-21	.17	11-21	.29	11-21	.49	11-21	.68	11-21	.75	11-21	.79	4-25	1.11			
1953	3-25	.095	3-25	.09	3-25	.16	3-25	.35	3-25	.45	3-25	.52	3-25	.57	3-24	.72			
1954	4-27	.013	4-27	.01	4-27	.02	4-27	.05	4-27	.07	4-27	.09	4-27	.10	4-27	.10			

Notes: a - Records began Sept. 12. Quality of records: excellent. b - Maximum rate at 12:01 A.M. was near end of runoff which began Dec. 25, 1945. c - Maximum 8-day depth was .32 in. beginning Dec. 25, 1945, with .03 in. in 1946. d - Period began Dec. 30, 1948, beginning Jan. 1, 1949.

Notes: a - Records began Sept. 12. Quality of records: excellent. b - Maximum rate at 12:01 A.M. was near end of runoff which began Dec. 25, 1945. c - Maximum 8-day depth was .32 in. beginning Dec. 25, 1945, with .03 in. in 1946. d - Period began Dec. 30, 1948, beginning Jan. 1, 1949.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLLEGE PARK, MARYLAND Watershed W-10									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a 1943	11-8	1.51	11-8	.76	11-8	.98	11-8	1.32	11-8	1.37	11-8	1.37	11-8	1.37	11-8	1.37	11-2	1.38	
1944	8-2	.32	8-2	.24	8-2	.30	8-2	.46	8-2	.47	8-2	.47	8-2	.47	8-2	.47	8-2	.47	
1945	7-22	1.05	7-17	.59	8-1	.74	7-17	.85	7-17	1.01	7-17	1.04	7-17	1.19	7-17	1.19	7-14	1.94	
1946	7-23	.97	7-23	.52	7-23	.62	7-23	.64	7-23	.64	7-23	.64	7-23	.64	7-23	.64	7-23	.64	
1947	6-7	.96	6-13	.33	6-13	.48	11-8	.59	11-8	.64	6-13	.73	6-13	.74	6-13	.74	6-7	1.15	
1948	8-3	.93	8-3	.58	8-3	.63	8-3	.64	2-14	.75	2-14	.83	2-14	.85	2-14	.85	11-27	1.24	
1949	5-22	.17	5-22	.11	3-22	.17	3-22	.34	1-5	.50	1-5	.61	1-5	.62	1-5	.62	12-29	b .99	
1950	11-25	.69	11-25	.38	11-25	.53	11-25	.64	11-25	.66	11-25	.66	11-25	.66	11-25	.66	11-25	.66	
1951	6-3	.88	6-3	.67	6-3	.92	6-3	.98	6-3	.98	6-3	1.02	6-3	1.02	6-3	1.02	6-3	2.04	
1952	9-1	.75	9-1	.57	9-1	.88	11-21	1.20	11-21	1.71	11-21	1.90	11-20	1.94	11-20	1.94	11-20	1.94	
1953	8-8	.71	8-8	.34	8-8	.53	3-25	.99	3-25	1.14	3-25	1.15	3-24	1.46	3-24	1.46	3-18	1.49	
1954	6-15	2.04	6-15	.59	6-15	.62	6-15	.62	6-15	.62	6-15	.62	6-15	.62	6-15	.62	6-15	.62	

Notes: a - Records began June 18. Quality of records: excellent. b - Period began Dec. 29, 1948, beginning Jan. 5, .62 in.

Notes: a - Records began June 18. Quality of records: excellent. b - Period began Dec. 29, 1948, beginning Jan. 5, .62 in.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																HAGERSTOWN, MARYLAND				Watershed W-1			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days								
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
a 1938	8-31	.08	8-31	.04	8-31	.05	8-31	.05	8-31	.05	8-31	.05	8-31	.05	8-31	.05							
1939	6-22	.46	6-22	.20	6-22	.21	6-22	.24	6-22	.24	6-22	.24	6-22	.24	6-22	.24							
1940	9-25	.14	9-25	.10	9-25	.12	9-25	.13	9-25	.13	9-25	.13	9-25	.13	9-25	.13							
1941		0		0		0		0		0		0		0		0							
1942	8-12	.27	8-12	.12	8-12	.14	8-12	.14	8-12	.14	8-12	.14	8-12	.17	8-12	.17							
1943	12-26	.03	12-26	.03	12-26	.04	12-26	.05	12-26	.05	12-26	.05	12-26	.05	12-26	.05							
1944	5-23	.21	5-23	.13	5-23	.16	5-23	.16	1-3	.20	1-3	.30	1-3	.34	1-3	.34							
1945	2-10	.03	2-10	.03	2-10	.05	2-10	.11	2-10	.11	2-9	.13	2-9	.24	2-9	.25							
1946	8-22	.08	8-22	.01	8-22	.01	8-22	.01	8-22	.01	8-22	.01	8-22	.01	8-22	.01							
b 1947	6-8	.28	6-8	.06	6-8	.07	6-8	.07	6-8	.07	6-7	.09	6-7	.09	6-7	.09							

Notes: a - Records began Apr. 27. Quality of records: excellent except for those that are estimated, which are fair.
b - Record ended Nov. 13. e - Estimated.

Notes: a - Records began Apr. 27. Quality of records; excellent except for those that are estimated, which are fair.
b - Record ended Nov. 13. e - Estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HAGERSTOWN, MARYLAND				Watershed W-II			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a 1938	12-9	.09	12-9	.08	12-9	.15	12-9	.26	12-9	.34	12-5	.37	12-9	.48	12-5	1.26	
1939	6-22	1.01	6-22	.50	6-22	.55	6-22	.88	6-22	.93	6-22	.95	6-22	.98	1-29	2.03	
1940	7-27	.94	7-27	.37	9-25	.46	9-25	.81	9-25	1.07	9-24	1.17	9-24	1.24	9-24	1.88	
1941	12-24	.14	12-24	.08	4-5	.12	4-5	.27	4-5	.35	4-5	.43	4-5	.54	3-11	1.05	
1942	7-20	.27	10-15	.16	10-15	.29	10-15	.56	10-15	.66	10-15	1.07	10-14	1.61	10-14	2.74	
1943	11-8	.12	11-8	.08	3-17	.12	3-17	.29	3-17	.35	2-5	.59	2-5	.69	2-4	1.62	
1944	12-11	.16	12-11	.13	12-11	.22	12-11	.46	12-11	.52	1-30	.70	1-30	.89	3-21	1.29	
1945	8-31	.17	12-5	.13	12-5	.23	12-5	.42	9-18	.71	9-17	.96	9-17	1.15	9-17	1.65	
1946	6-2	.18	6-2	.16	6-2	.26	6-2	.55	6-2	.74	6-2	.82	6-2	.95	6-1	1.41	
b 1947	1-30	.07	1-30	.05	1-30	.08	1-30	.13	1-30	.16	3-13	.26	3-13	.37	3-9	.91	

Notes: a Records began Sept. 27. Quality of records: excellent. b Records ended Nov. 30.

Notes: a Records began Sept. 27. Quality of records: excellent. b Records ended Nov. 30.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										AUBURN, ALABAMA				Watershed W-1			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1946	1-6	0.29	1-6	0.26	1-6	0.44	1-6	0.94	1-6	1.67	1-6	1.67	1-5	2.13	1-5	4.16	
1947	1-20	.06	1-20	.05	1-20	.10	1-20	.22	1-20	.33	1-20	.46	1-19	.82	1-16	1.97	
Notes: Quality of records; fair.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										VERO BEACH, FLORIDA Watershed W-1									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1951	10-2	0.04	10-2	0.04	10-2	0.08	10-2	0.24	10-2	0.44	10-3	0.80	10-2	1.44	9-30	2.91			
1952	10-25	.03	10-25	.03	10-25	.05	10-25	.14	10-25	.27	10-25	.53	10-18	1.00	10-18	3.39			
1953	10-9	.05	10-9	.05	10-9	.10	10-9	.28	10-9	.55	10-9	1.08	10-9	1.97	10-4	4.39			
1954	6-19	.04	6-19	.04	6-19	.08	6-19	.22	6-19	.42	6-19	.81	6-19	1.45	6-16	3.51			
1955	6-30	.02	6-30	.02	6-30	.03	6-30	.08	6-30	.14	6-30	.27	6-30	.42	6-29	.82			
1956	10-16	.08	10-16	.08	10-16	.16	10-16	.45	10-16	.89	10-16	1.71	10-16	2.94	10-15	5.85			
Notes: Quality of records; fair.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										VERO BEACH, FLORIDA Watershed W-2 (Upper Taylor Creek)						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1956	10-16	0.11	10-16	0.11	10-16	0.21	0.21	10-16	0.62	10-16	1.23	2.28	10-16	4.16	10-16	8.03

Notes: Storm frequency analysis indicates that the 1956 storm can be expected to occur once in a period of from 50 to 100 years. Quality of records; good. Record began Jan. 1, 1957.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										VERO BEACH, FLORIDA Watershed W-3 (Taylor Creek Sub-Area)							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1956	10-15	0.25	10-15	0.24	10-15	0.47	10-15	1.35	10-15	2.55	10-15	3.14	10-15	6.21	10-15	8.67	
Notes: Storm frequency analysis indicate that the 1956 storm can be expected to occur once in a period of from 50 to 100 years. Quality of records; fair. Record began Jan. 1, 1957.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										AMERICUS, GEORGIA Watershed W I									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1938	9-9	1.06	9-9	0.54	9-9	0.66	9-9	0.72	9-9	0.72	9-9	0.72	9-9	0.72	9-9	0.72			
1939	7-2	.54	7-2	.20	7-2	.21	7-2	.21	7-2	.21	7-2	.21	2-27	.25	2-25	.34			
1940	6-9	.29	2-17	.16	2-17	.17	2-17	.31	2-17	.48	2-17	.59	2-17	.63	2-9	.81			
1941	12-23	.19	12-23	.08	12-23	.10	12-23	.11	12-23	.18	12-23	.19	12-23	.20	12-23	.32			
1942	8-11	.68	8-11	.33	8-11	.43	8-11	.78	8-11	.87	8-11	.87	8-11	.87	8-6	.97			
1943	3-17	.14	3-17	.11	3-17	.19	3-17	.29	3-17	.29	3-17	.29	3-17	.29	3-17	.29			

Notes: Records began 7-21-38; ended 6-8-43. Quality of records - good.

Notes: Records began 7-21-38; ended 6-8-43. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										AMERICUS, GEORGIA Watershed W II									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	9-9	0.31	9-9	0.15	9-9	0.23	9-9	0.32	9-9	0.32	9-9	0.32	9-9	0.32	9-9	0.32			
1939	2-28	.10	2-27	.06	2-27	.06	2-28	.08	2-28	.09	2-27	.15	2-27	.15	2-21	.22			
1940	2-9	.08	2-9	.02	2-9	.03	2-9	.04	2-9	.04	2-9	.04	2-9	.04	2-9	.05			
1941	11-5	.12	11-5	.04	11-5	.04	11-5	.04	11-5	.04	11-5	.04	11-5	.04	12-4	.06			
1942	2-6	.05	3-21	.01	3-21	.01	3-21	.01	3-21	.01	3-21	.01	3-21	.01	3-21	.01			
Notes: Records began 8-1-38; ended 3-28-42. Quality of records - good.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										AMERICUS, GEORGIA Watershed III										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1938	9-26	0.38	9-26	0.19	9-26	0.29	9-26	0.30	9-26	0.30	9-26	0.30	9-26	0.30	9-26	0.30				
1939	6-2	.11	2-28	.04	2-28	.06	2-28	.06	2-28	.06	2-28	.06	2-28	.06	2-27	.07				
1940	5-1	.06	5-1	.01	5-1	.01	5-1	.01	5-1	.01	5-1	.01	5-1	.01	5-1	.01				
1941	11-5	.04	11-5	.01	11-5	.01	11-5	.01	11-5	.01	11-5	.01	11-5	.01	11-5	.01				
1942	3-21	T	3-21	T	3-21	T	3-21	T	3-21	T	3-21	T	3-21	T	3-21	T				
Notes: Records began 7-21-38; ended 3-21-42. T = Trace runoff. Quality of Records - good.																				

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										AMERICUS, GEORGIA Watershed W IV								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	9-9	0.35	9-9	0.22	9-9	0.30	9-26	0.33	9-26	0.35	9-26	0.35	9-26	0.35	9-26	0.35		
1939	2-25	.29	2-25	.19	2-25	.29	2-25	.36	2-25	.37	2-25	.37	2-25	.67	2-25	1.02		
1940	2-9	.24	2-9	.14	2-9	.21	2-9	.27	2-9	.27	2-9	.27	2-9	.27	2-9	.52		
1941	12-25	.47	12-25	.27	12-25	.35	12-25	.41	12-25	.43	12-23	.48	12-23	.48	12-23	.91		
1942	3-21	.35	8-19	.12	8-19	.15	8-19	.17	3-2	.18	3-2	.18	3-2	.18	8-12	.25		
1943	1-18	.56	1-18	.53	1-18	.89	1-18	1.32	1-18	2.07	1-18	3.27	1-17	3.46	1-16	3.47		
Notes: Records began 7-23-38; ended 5-11-43. Quality of records - good.																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
WATKINSVILLE, GEORGIA Watershed W-1																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
x 1939	9-30	0.05	9-30	0.01	9-30	0.01	12-26	0.01	12-26	0.01	12-26	0.01	12-26	0.02	12-23	0.02
p 1940	8-12 e	1.04											8-12 e	2.65	8-12	2.65
1941	7-11	1.96	7-11	1.09	7-11	1.25	7-11	1.32	7-11	1.32	7-11	1.32	7-5	1.35	7-5	2.68
1942	8-17	1.59	8-17	.80	8-17	1.10	8-17	1.25	3-21	1.43	3-21	1.80	3-21	1.80	8-16	3.16
1943	1-18	1.47	7-13	.76	7-13	.90	1-18	1.75	1-18	2.19	1-18	2.44	1-18	2.53	1-17	2.54
1944	4-26	1.11	4-26	.80	4-26	1.07	1-22	1.22	4-26	1.25	4-26	1.26	4-26	1.26	3-22	2.13
1945	4-25	2.69	4-25	1.26	4-25	1.46	4-24	1.87	4-24	2.22	4-25	2.24	4-24	2.29	4-24	2.29
1946	1-6	2.32	1-6	1.56	1-6	1.94	1-6	2.20	1-6	2.94	1-6	3.03	1-5	3.40	1-5	3.50
1947	1-20	.22	1-20	.18	1-20	.30	1-19	.63	1-19	.91	1-19	1.39	1-19	2.17	1-18	2.18
1948	11-26	.40	11-26	.38	11-26	.72	11-26	2.84	11-26	2.91	11-28	3.06	11-27	4.35	11-22	6.80
1949	4-30	.14	4-30	.13	4-30	.26	4-30	.57	4-30	.99	4-30	1.17	4-30	1.33	4-29	1.52
1950	10-20	.20	10-20	.18	10-20	.32	10-20	.64	10-20	.71	10-20	.78	10-19	.87	10-19	.88
1951	4-22	.06	12-20	.04	12-20	.08	12-20	.18	12-20	.25	12-20	.43	12-20	.45	12-18	.47
1952	3-11	.18	3-11	.15	3-11	.22	3-24	.47	3-24	.74	3-24	.89	3-24	.98	3-18	1.00
1953	5-1	.02	12-13	.01	12-13	.01	12-13	.02	1-9	.04	1-10	.05	1-9	.09	1-8	.10
1954	7-26	.05	7-26	.03	7-26	.03	7-26	.03	7-26	.03	7-26	.03	7-26	.03	7-26	.03
1955	2-6	.03	2-6	.02	2-7	.04	2-7	.11	2-7	.15	2-7	.16	2-6	.23	2-6	.29
p 1956	3-16 e	.03	3-16 e	.03	3-16 e	.05	3-16 e	.09	3-16 e	.14	3-16 e	.17	3-15 e	.19	3-15 e	.22

Notes: x - Partial year. Records began Sept. 13. p - Recorder not operating during a portion of discharge.
e - Partially estimated. Quality of records; good except for those that are partially estimated, which are fair.

Notes: x - Partial year. Records began Sept. 13. p - Recorder not operating during a portion of discharge.
e - Partially estimated. Quality of records; good except for those that are partially estimated, which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HIGH POINT, N. C. West Fork Deep River Watershed											
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour			2 hours			6 hours			12 hours			1 day		
	Date	Rate	Vol.	Date	Vol.	Date	Date	Vol.	Date	Date	Vol.	Date	Date	Vol.	Date
1923	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1924	9-29	.06	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1925	2-11	.05	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1926	1-18	.05	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
1927	STATION NOT IN OPERATION														
1928	9-19	.07	9-19	.07	9-19	.15	9-19	.41	9-19	.78	9-19	1-37	9-19	1.88	9-18
1929	2-28	.10	2-28	.10	2-28	.19	2-28	.50	2-28	.82	2-27	1-25	10-1	2.02	2-26
1930	6-8	.02	6-8	.02	6-8	.05	1-15	.12	1-15	.20	2-4	.31	1-14	.52	1-12
1931	8-22	.04	8-22	.04	8-22	.07	8-22	.21	8-22	.35	8-22	.45	4-4	.62	4-1
1932	10-17	.11	10-17	.11	10-17	.21	10-17	.56	10-17	.96	10-16	1-41	10-16	1.60	12-22
1933	8-13	.05	8-13	.05	8-13	.10	8-13	.26	8-13	.42	8-13	.50	8-13	.54	8-13
1934	2-26	.06	2-26	.06	2-26	.11	2-26	.32	2-26	.55	2-25	.98	2-25	1.32	2-25
1935	3-13	.05	3-13	.05	3-12	.10	3-12	.26	3-12	.48	3-12	.74	3-12	.87	3-25
1936	1-19	.15	1-19	.15	1-19	.29	1-19	.82	1-19	1.36	1-19	1.96	1-18	2-21	4-2
1937	1-19	.08	1-19	.08	1-19	.15	1-19	.41	1-19	.78	1-19	1.18	1-19	1.53	1-15
1938	7-23	.07	7-23	.07	7-23	.13	7-23	.34	7-23	.51	7-23	.63	7-23	.74	7-18
1939	8-18	.08	8-18	.08	8-18	.16	8-18	.45	8-18	.82	8-18	1.15	8-17	1.81	8-17
1940	5-30	.13	5-30	.12	5-30	.23	5-29	.55	8-14	.99	8-14	1.51	8-14	1.86	8-13
1941	6-13	.03	6-13	.03	6-13	.06	6-13	.16	6-13	.26	7-19	.35	7-19	.39	7-12
1942	3-9	.12	3-9	.11	3-9	.22	3-8	.60	3-8	1.01	3-8	1.27	3-8	1.36	3-3
1943	1-19	.06	1-19	.06	1-19	.12	1-19	.33	1-19	.52	1-18	.72	1-18	1.00	2-4
1944	4-12	e.08	4-12	e.08	4-12	e.16	4-12	e.45	4-11	e.76	4-11	e1.07	3-28	e1.29	4-11
1945	9-18	.14	9-18	.14	9-18	.27	9-17	.78	9-17	1.42	9-17	2.16	9-16	2.84	9-14
1946	2-10	.11	2-10	.10	2-10	.21	2-10	.59	2-10	1.08	2-10	1.59	2-10	1.82	2-9
1947	9-24	.41	9-24	.41	9-24	.81	9-24	2.31	9-24	3.76	9-24	4.50	9-24	4.67	9-21

Notes: Records include period of 6-14-23 to 9-30-26 and 7-25-28 to 9-30-55. 1/ Watershed area of 32.1 sq. mi. was used for all years of records. NR - records not available for periods of less than 1 day. a - calendar day. (continued on sheet 11.1a)

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HIGH POINT, N. C. West Fork Deep River Watershed									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1948	11-28	0.07	11-28	0.07	11-28	0.14	11-28	0.39	11-28	0.69	11-28	1.07	11-28	1.29	11-27	2.04			
1949	10-31	.13	10-31	.12	10-31	.25	10-31	.69	10-30	1.16	10-30	1.67	10-30	1.98	10-28	2.65			
1950	5-12	.05	5-12	.05	5-12	.10	5-12	.26	5-11	.40	5-11	.48	5-11	.54	5-11	.95			
1951	12-21	.07	12-21	.07	12-21	.13	12-21	.35	12-21	.61	12-20	.97	12-20	1.26	12-18	1.48			
1952	8-31	.12	8-31	.12	8-31	.23	3-4	.58	3-4	.99	3-3	1.37	3-3	1.61	3-3	2.21			
1953	3-24	.07	3-24	.07	3-24	.13	3-23	.33	3-23	.57	2-21	.91	2-20	1.09	2-15	2.07			
1954	10-15	e.15	10-15	e.15	10-15	e.30	10-15	e.85	10-15	e1.43	10-15	e1.86	10-15	e1.94	1-15	2.74			
1955	8-17	.07	8-17	.07	8-17	.15	8-17	.42	8-17	.76	8-17	1.14	8-17	1.23	8-14	2.32			

Notes: (Continued from Sheet 11.1) e - partially estimated. Quality of records: poor prior to 1928 and for those records which are partially estimated; then good except for the years 1930, 1931, 1951, 1952, 1953 and 1954 which are fair.

Notes: (Continued from Sheet 11.1) e - partially estimated. Quality of records: poor prior to 1928 and for those records which are partially estimated; then good except for the years 1930, 1931, 1951, 1952, 1953 and 1954 which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HIGH POINT, N. C. Muddy Creek Watershed									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		a 1 day		a 2 days		a 8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1934	6-7	0.07	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
1935	NR	NR																	
1936	8-7	.22																	
1937	NR	NR																	
1938	6-28	.21																	
1939	2-26	.09																	
1940	5-30	.16																	
1941	7-10	.04																	
Notes: Records began 5-19-34. a - calendar day. NR - record not available.																			
Quality of records: good except for 1934 and 1941 which are fair.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HIGH POINT, N. C. Uharrie (Uwharrie) River Watershed										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		a 1 day		a 2 days		a 8 days ^a					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1934	6-6	0.10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
1935	7-13	.10																		
1936	10-8	.21																		
1937	NR	NR																		
1938	7-23	.08																		
1939	2-26	.14																		
1940	8-14	.29																		
1941	7-17	e .30																		

Notes: Records began 5-16-34. a - calendar day. e - partially estimated.

NR - record not available. Quality of records: good except for 1935 - fair and 1941 - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STATESVILLE, N. C.				Watershed C-8			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	8-18	4.59	8-18	1.10	8-18	1.11	8-18	1.12	8-18	1.12	8-15	1.45	8-15	1.45	8-15	2.58	
1934	6-23	.30	3-27	.12	3-27	.12	3-27	.12	3-27	.12	3-27	.12	3-27	.12	6-23	.19	
1935	7-14	3.65	7-14	1.71	7-14	1.81	7-14	1.81	7-14	1.81	7-14	1.85	7-14	1.85	7-10	3.44	
1936	4-5	1.29	4-6	.46	4-6	.50	4-6	.61	4-6	.76	4-5	.83	4-5	.83	3-31	1.10	
1937	7-6	3.94	7-6	1.14	7-6	1.14	7-6	1.14	7-6	1.14	7-6	1.14	7-4	1.21	1-1	1.23	
1938	6-20	2.59	6-20	1.44	6-20	1.61	6-20	1.62	6-20	1.62	6-20	1.62	6-20	1.62	6-19	1.64	
Notes: Quality of records good.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STATESVILLE, N. C.				Watershed W-23			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	8-18	0.05	3-14	0.03	2-7	0.05	0.14	2-7	0.18	2-15	0.30	2-15	0.30	2-13	0.34		
1934	3-27	.07	3-27	.09	3-27	.15	.36	3-27	.58	3-27	.76	3-27	.90	3-24	.95		
1935	7-10	.06	7-10	.05	3-25	.12	.29	3-25	.45	3-25	.65	3-25	.76	3-19	.94		
1936	8-8	.20	8-8	.16	8-8	.29	.62	1-2	.88	1-18	1.40	1-2	1.51	12-31	2.75		
1937	10-19	.09	1-19	.08	1-19	.18	.42	1-19	.64	1-19	.83	1-19	1.18	1-17	1.59		
1938	6-20	1.25	6-20	.82	6-20	1.13	1.51	6-20	1.69	6-20	1.84	6-20	1.88	7-18	2.31		

Notes: Quality of records - good, except for 1934 which is questionable due to icing conditions.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BLACKSBURG, VA.				Watershed W II			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	6-8	3.97	8-15	0.41	8-15	0.42	8-15	0.42	8-15	0.42	8-15	0.42	8-15	0.42	8-14	0.77	
1940	5-30	.96	5-24	.28	5-24	.29	8-14	.35	8-14	.42	8-14	.42	8-14	.43	5-24	.57	
1941		0		0		0		0		0		0		0		0	
1942	6-5	4.26	6-5	.48	6-5	.48	6-5	.48	6-5	.48	5-19	.56	5-19	.57	6-1	.88	
1943	6-6	2.58	7-9	.62	7-9	.62	7-9	.66	7-9	.70	7-9	1.01	7-7	1.14	7-7	1.21	
1944	5-24	1.04	5-24	.42	5-24	.44	5-24	.45	5-24	.45	5-24	.45	5-24	.45	5-24	.45	
1945	8-6	.08	8-6	.01	8-6	.01	8-6	.01	8-6	.01	8-6	.01	8-6	.01	8-6	.01	
1946	7-2	.26	7-2	.07	7-2	.07	7-2	.07	7-2	.07	7-2	.07	7-2	.07	7-2	.10	
1947	7-31	.12	7-9	.03	7-9	.03	7-9	.03	7-9	.03	7-9	.03	7-9	.03	7-9	.03	
1948	8-4	.11	8-4	.04	8-4	.04	8-4	.04	8-4	.04	8-4	.07	8-3	.08	8-3	.08	
1949	7-13	.23	7-13	.06	7-13	.06	7-13	.06	7-13	.06	7-13	.06	7-13	.06	7-6	.09	
1950	5-27	.67	5-27	.03	5-27	.03	5-27	.04	5-27	.04	5-27	.04	5-27	.04	5-27	.04	
1951	1-14	T	1-14	T	1-14	T	1-14	T	1-14	T	1-14	T	1-14	T	1-14	T	

Notes: Records began 4-24-39; ended 4-2-51. T = Trace runoff. Quality of records - excellent.

Notes: Records began 4-24-39; ended 4-2-51. T = Trace runoff. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BLACKSBURG, VA. Watershed W III									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL										2 days		8 days				
			1 hour		2 hours		6 hours		12 hours		1 day								
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939	6-8	1.36	8-15	0.36	8-15	0.36	8-15	0.36	8-15	0.36	8-14	0.37	8-14	0.37	8-14	0.73			
1940	8-14	.24	8-14	.17	8-14	.22	8-14	.24	8-14	.28	8-14	.28	8-14	.29	8-7	.30			
1941	7-3	.01	7-5	T	7-5	.01	7-5	.01	7-5	.01	7-5	.01	7-5	.01	7-5	.01			
1942	6-5	1.90	6-16	.49	6-16	.50	6-16	.50	6-16	.50	6-16	.50	6-16	.50	6-10	.98			
1943	7-9	.96	7-9	.45	7-9	.46	7-9	.46	7-9	.46	7-9	.76	7-7	.83	7-7	.87			
1944	5-24	.54	5-24	.20	5-24	.21	5-24	.21	5-24	.21	5-24	.21	5-24	.21	5-24	.21			
1945	8-6	.02	7-27	T	7-27	.01	7-27	.01	7-27	.01	7-27	.01	7-27	.01	7-27	.01			
1946	7-2	.06	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-2	.02			
1947	8-21	.29	8-21	.07	8-21	.08	8-21	.08	8-21	.08	8-21	.08	8-21	.08	8-21	.08			
1948	8-4	.14	8-4	.10	8-4	.11	8-4	.11	8-4	.11	8-4	.20	8-3	.21	7-31	.22			
1949	7-6	.42	7-6	.14	7-6	.14	7-6	.14	7-6	.14	7-6	.14	7-6	.14	7-6	.28			
1950	5-27	.85	5-27	.05	5-27	.05	5-27	.05	5-27	.05	5-27	.05	5-26	.07	5-26	.08			
1951	7-29	.05	7-29	.02	7-29	.02	7-29	.02	7-29	.02	7-29	.02	7-29	.02	7-29	.02			
1952	8-8	.05	8-8	.01	8-8	.01	8-8	.01	8-8	.01	8-8	.01	8-8	.01	8-8	.01			
1953	6-13	.01	5-19	T	5-19	T	5-19	T	5-19	T	5-19	.01	5-19	.01	5-19	.01			
1954	8-27	T	10-15	T	10-15	T	10-15	T	10-15	T	10-15	T	10-15	T	10-15	T			
1955	7-10	.02	2-6	T	2-6	T	2-6	.01	2-6	.01	2-6	.01	2-6	.01	2-6	.01			
1956	6-26	.17	6-26	.02	6-26	.02	6-26	.02	6-26	.02	6-26	.02	6-26	.02	6-26	.02			

Notes: Records began 4-21-39. T = Trace runoff. Quality of records - excellent.

Notes: Records began 4-21-39. T = Trace runoff. Quality of records - excellent.

121

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BLACKSBURG, VA. Watershed W IV									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1951	11-1	0.04	11-1	0.01	11-1	0.01	11-1	0.01	11-1	0.01	11-1	0.01	11-1	0.01	11-1	0.01			
1952	8-8	.54	8-8	.21	8-8	.23	8-8	.23	8-8	.23	8-8	.24	8-8	.24	8-5	.35			
1953	8-7	.10	8-7	.02	8-7	.03	8-7	.03	8-7	.03	8-7	.03	8-7	.03	8-7	.03			
1954	8-20	.12	8-20	.02	8-20	.02	8-20	.02	8-20	.02	8-20	.02	8-20	.02	8-20	.02			
1955	6-23	.17	6-23	.02	6-23	.02	6-23	.02	6-23	.02	6-23	.02	6-23	.02	6-23	.02			
1956	6-30	.15	9-6	.06	9-6	.07	9-6	.07	9-6	.07	9-6	.07	9-6	.07	8-31	.09			
Notes: Records began 9-10-51. Quality of records - excellent.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BLACKSBURG, VA. Watershed W V									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1952	8-8	0.44	8-8	0.12	8-8	0.12	8-8	0.12	8-8	0.12	8-8	0.12	8-8	0.12	8-5	0.17			
1953	8-7	.08	8-7	.02	8-7	.02	8-7	.02	8-7	.02	8-7	.02	8-7	.02	8-7	.02			
1954	8-20	e .27	8-20	e .04	8-20	e .04	8-20	e .04	8-20	e .04	8-20	e .04	8-20	e .04	8-20	e .04			
1955	6-23	.33	6-23	.05	6-23	.05	6-23	.05	6-23	.05	6-23	.05	6-23	.05	6-23	.05			
1956	8-18	.05	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-31	.02			
Notes: e - Estimated. Quality of records - excellent except for those that are estimated which are fair.																			

[illegible]

Notes: Records began 9-10-51. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				CHAPEHAM (DANVILLE), VA. Watershed W I												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	8-3	0.19	8-3	0.09	8-3	0.12	8-3	0.14	8-3	0.14	8-3	0.14	8-3	0.15	8-3	0.16
1939	8-18	6.99	8-14	.56	8-14	.77	8-14	.83	8-14	.84	8-14	.84	8-14	.84	8-14	1.65
1940	7-28	1.09	8-13	.57	8-13	.86	8-13	1.34	8-13	1.77	8-13	2.72	8-13	3.68	8-11	3.77
1941	7-31	1.22	7-31	.03	12-5	.05	12-5	.05	12-5	.05	12-5	.05	12-5	.05	12-5	.05
1942	5-15	1.20	5-15	.40	5-15	.42	5-15	.47	5-15	.59	5-15	1.07	5-15	1.08	5-15	1.64
1943	4-19	.05	3-20	.04	4-19	.06	4-19	.10	4-19	.16	4-19	.17	4-19	.18	4-19	.19
1944	9-18	2.04	9-18	1.60	9-18	2.77	9-18	4.49	9-18	5.19	9-18	6.30	9-18	6.42	9-18	6.57
1945	7-15	.87	7-15	.44	7-15	.50	7-15	.52	7-15	.52	7-15	.52	7-15	.52	7-15	.52
1946	9-24	.32	7-9	.14	7-9	.18	7-9	.21	7-9	.31	7-9	.32	7-9	.32	7-6	.40
1947	1-19	.08	1-19	.06	1-19	.10	1-19	.15	1-19	.19	1-19	.24	1-19	.25	1-13	.29
1948	5-26	.26	5-26	.16	5-26	.29	5-26	.41	5-26	.43	5-26	.44	5-26	.45	5-24	.45

Notes: Records began 7-15-38; ended 11-29-48. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEATHAM (DANVILLE), VA. Watershed W II							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	8-3	1.32	8-3	0.75	8-3	0.88	8-3	0.95	8-3	0.95	8-2	1.08	8-2	1.08	8-2	1.08	
1939	6-13	3.75	8-14	1.19	8-14	1.32	8-14	1.38	8-18	1.69	8-18	1.71	8-18	1.71	8-14	3.09	
1940	7-29	2.09	8-14	1.01	8-14	1.54	8-14	2.30	8-14	2.79	8-14	4.82	8-14	6.94	8-11	8.18	
1941	6-2	1.06	6-2	.32	6-2	.34	6-2	.34	6-2	.34	7-7	.46	7-7	.51	7-5	.75	
1942	6-4	1.49	8-17	.76	8-17	1.22	8-17	1.47	8-17	1.53	8-17	1.58	8-17	1.69	8-15	2.00	
1943	6-29	.51	6-29	.24	6-29	.29	6-29	.30	6-29	.30	6-29	.30	1-30	.54	1-30	.54	
1944	9-18	3.36	9-18	2.29	9-18	3.11	9-18	4.73	9-18	6.33	9-18	7.01	9-18	7.38	9-18	7.61	
1945	1-1	.32	1-1	.25	9-16	.41	9-16	.72	9-16	1.14	9-16	1.49	9-16	1.76	9-16	1.85	
1946	9-24	2.03	9-24	.99	9-24	1.17	9-24	1.22	9-24	1.23	9-24	1.29	9-24	1.29	7-6	1.86	
1947	1-19	.28	1-19	.21	1-19	.38	1-19	.52	1-19	.66	1-19	.82	1-19	.93	1-12	1.05	
1948	9-29	.21	3-31	.05	3-31	.09	2-12	.23	2-12	.26	2-12	.36	2-12	.46	2-8	.66	

Notes: Records began 7-8-38; ended 12-2-48. Quality of records - excellent.

Notes: Records began 7-8-38; ended 12-2-48. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHATEAM (DANVILLE), VA. Watershed W III									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	9-1	1.98	9-1	0.57	9-1	0.61	9-1	0.61	9-1	0.61	9-1	0.61	9-1	0.61	11-19	0.67			
1939	8-6	1.53	8-6	.63	8-6	.74	8-18	.86	8-18	.94	8-18	.95	8-18	.95	2-10	1.20			
1940	8-31	1.93	8-31	.70	8-13	.90	8-13	1.62	8-13	2.40	8-13	3.44	8-13	4.38	8-11	4.67			
1941	6-2	2.21	6-2	.76	6-2	.79	6-2	.84	6-2	.84	6-2	.84	6-2	.84	6-2	.85			
1942	5-15	.77	5-15	.53	5-15	.70	5-21	.83	5-21	.87	5-15	.90	5-15	.90	5-15	1.89			
1943	6-29	.54	6-17	.32	6-29	.40	6-29	.43	6-29	.43	6-29	.43	6-29	.43	6-29	.43			
1944	9-18	1.97	9-18	1.32	9-18	1.91	9-18	2.96	9-18	4.99	9-18	6.94	9-18	7.06	9-13	7.66			
1945	7-15	.77	7-15	.49	7-15	.66	7-15	.89	7-15	.89	9-16	.98	9-16	1.19	9-14	1.27			
1946	9-24	.56	9-24	.38	9-24	.46	9-24	.48	9-24	.48	9-24	.62	9-23	.74	7-9	.77			
1947	7-6	.44	9-24	.25	9-24	.49	9-24	1.18	9-24	1.49	9-24	1.62	9-24	1.62	9-24	1.62			
1948	6-13	.45	6-13	.28	6-13	.32	6-13	.32	3-31	.51	3-31	.66	2-12	.82	2-12	.97			
Notes: Records began 7-30-38; ended 11-29-48. Quality of records - excellent.																			

STAUTON, VA. BELL CREEK Watershed W I																
ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1948	6-22	0.02	11-19	0.01	11-19	0.02	12-3	0.05	12-3	0.06	12-30	0.08	12-30	0.12	12-24	0.21
1949	4-13	.40	4-13	.27	4-13	.37	4-13	.43	4-13	.44	4-13	.47	4-13	.50	6-17	.76
1950	5-31	.01	5-31	.01	5-31	.01	5-31	.02	3-28	.02	3-28	.03	3-28	.05	3-23	.12
1951	4-12	.01	4-12	.01	4-12	.01	4-12	.03	4-12	.04	4-12	.07	4-12	.11	4-12	.24
1952	3-11	.02	3-11	.02	3-11	.03	3-11	.06	3-11	.08	3-11	.10	3-10	.15	4-23	.40
1953	7-19	.01	7-19	T	7-19	.01	7-19	.01	7-19	.01	7-19	.01	7-19	.01	4-6	.04
1954	10-15	e .78	10-15	e 1.10	10-15	e 1.58	10-15	e 1.76	10-15	e 1.77	10-15	e 1.77	10-15	e 1.77	10-15	e 1.77
1955	2-6	.03	2-6	.03	2-6	.05	2-6	.12	2-6	.16	2-6	.16	2-6	.16	2-6	.16
Notes: Records began 5-12-48; ended 11-10-55. T = Trace. e = estimated. Quality of records - fair except for those that are estimated which are poor.																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STAUNTON, VA. BELL CREEK Watershed W II									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1948	12-3	0.01	12-3	0.01	12-3	0.02	12-3	0.04	12-3	0.06	12-3	0.07	12-3	0.07	11-28	0.11			
1949	6-20	.29	6-20	.23	6-20	.31	6-20	.36	6-20	.37	6-20	.38	6-20	.39	6-17	.52			
1950	3-28	T	3-28	T	2-1	T	2-1	.01	2-1	.01	2-1	.01	2-1	.02	1-30	.04			
1951	7-25	.02	7-25	.01	7-25	.02	7-25	.02	7-25	.02	7-25	.02	7-25	.02	4-12	.04			
1952	3-11	.01	3-11	.01	3-11	.01	3-11	.02	3-11	.04	3-11	.05	4-27	.07	4-25	.15			
1953	3-25	.01	3-25	.01	3-25	.01	3-25	.02	3-25	.03	3-25	.03	3-24	.05	3-24	.06			
1954	10-15	.02	10-15	.02	10-15	.04	10-15	.06	10-15	.06	10-15	.06	10-15	.06	10-15	.06			
1955	2-6	.05	2-6	.05	2-6	.10	2-6	.28	2-6	.42	2-6	.45	2-6	.46	2-6	.46			
Notes: Records began 5-14-48; ended 11-10-55. T = Trace. Quality of records - fair.																			

STAUNTON, VA. BELL CREEK WATERSHED W III																
ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1948	12-3	0.02	12-3	0.02	12-3	0.03	12-3	0.09	12-3	0.13	12-3	0.17	12-3	0.22	11-29	0.42
1949	6-28	.15	6-28	.12	6-28	.18	6-28	.21	7-15	.23	7-15	.30	7-15	.45	7-13	.80
1950	2-2	.01	2-2	.01	2-2	.01	2-1	.03	2-1	.05	2-1	.08	2-1	.12	1-30	.27
1951	7-25	.14	7-25	.11	7-25	.18	7-25	.25	7-25	.26	7-25	.28	7-25	.30	7-25	.33
1952	3-11	.03	7-25	.02	3-11	.04	3-11	.08	3-11	.11	2-3	.14	2-3	.19	4-25	.34
1953	3-25	.02	3-25	.02	3-25	.04	3-25	.08	3-25	.12	3-25	.14	3-24	.22	3-24	.38
1954	10-15	.09	10-15	.07	10-15	.09	10-15	.18	10-15	.19	10-15	.21	10-15	.22	10-15	.24
1955	8-18	.10	8-18	.09	8-18	.15	8-17	.27	8-17	.37	8-17	.44	8-17	.48	8-17	.59
1956	3-15	T	3-14	T	3-14	.01	3-14	.01	3-14	.02	3-14	.03	3-14	.05	3-14	.12
Notes: Records began 5-11-48; ended 9-30-56. e = estimated. T = trace. Quality of records - good except for 1948 and 1949 which are fair and for those records that are estimated which are poor.																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				Edwardsville, Illinois Watershed W-1												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	5-27	2.41	3-30	1.38	3-30	1.83	3-30	2.02	3-30	2.04	3-30	3.30	3-29	3.44	3-25	3.47
1939	8-18	.79	8-18	.45	8-17	.68	8-17	1.53	8-17	2.40	8-17	2.42	8-17	2.42	8-11	3.18
1940	8-4	.71	8-4	.38	8-4	.48	8-4	.50	4-30	.60	4-30	.65	4-30	.65	4-23	.66
1941	9-2	.46	9-2	.21	11-5	.25	11-5	.45	11-5	.65	11-5	.77	11-5	.77	10-30	1.16
1942	7-8	1.41	7-8	1.03	7-8	1.56	7-8	2.33	7-8	2.53	7-8	3.30	7-8	3.30	7-8	3.48
1943	5-17	1.19	5-17	.65	5-17	.86	5-17	1.46	5-17	2.40	5-17	3.68	5-16	4.48	5-10	5.71
1944	4-22	1.05	4-22	.44	4-22	.70	4-22	1.84	4-22	2.94	4-22	4.23	4-22	4.43	4-22	4.43
1945	6-16	1.55	6-16	.99	6-16	1.55	6-16	1.87	6-16	1.91	6-16	2.13	6-16	2.59	6-16	3.14
1946	8-15	2.56	8-15	1.44	8-14	1.94	8-14	3.49	8-14	3.79	8-14	4.22	8-14	6.99	8-12	7.47
1947	4-29	1.49	4-29	.83	4-29	1.06	4-29	1.18	4-29	1.21	4-29	1.32	4-29	1.33	4-24	2.61
1948	7-25	.82	7-25	.57	7-25	.87	7-25	1.48	7-25	1.48	7-25	1.48	7-25	1.48	7-19	2.80
1949	6-28	2.07	6-28	.82	6-28	.86	1-18	1.04	1-18	1.32	2-14	1.40	6-26	1.74	1-18	2.21
1950	1-3	.78	1-3	.71	1-3	1.10	1-3	1.68	1-3	2.59	1-3	4.14	1-2	4.33	1-2	5.07
1951	7-23	1.01	6-16	.51	6-16	.90	7-23	1.15	7-23	1.18	7-22	1.60	7-22	1.67	2-15	2.15
1952	3-31	2.05	3-31	.96	6-9	1.50	3-31	2.25	3-31	2.31	3-31	2.32	3-31	2.32	3-31	3.35
1953	6-26	.71	6-26	.44	6-26	.56	6-26	.76	6-26	.76	6-26	.76	6-26	.76	6-26	2.76
1954	7-4	.92	10-11	.41	10-11	.46	10-11	.68	10-11	.68	10-11	.90	10-11	.90	10-11	1.04
1955	8-7	.85	8-7	.45	8-7	.50	8-7	.52	8-7	.52	2-19	.70	2-19	.71	2-19	.89

Notes: e - Estimated by comparison with other watersheds. Quality of records; Excellent except for those that are estimated which are fair. Records began March 10, 1938. a - Station not in operation June 2 to Sept. 28, 1947.

Notes: ^a - Estimated by comparison with other watersheds. Quality of records; Excellent except for those that are estimated which are fair. Records began March 10, 1938. ^a - Station not in operation June 2 to Sept. 28, 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Edwardsville, Illinois Watershed W-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												8 days				
			1 hour		2 hours		6 hours		12 hours		1 day		2 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	3-30	2.61	3-30	1.53	3-30	2.11	3-30	2.14	3-30	3.30	3-29	3.46	3-29	3.57	3-29	3.57			
1939	8-17	.75	8-17	.37	8-17	1.37	8-17	2.14	8-17	2.16	8-17	2.16	8-11	2.70	8-11	2.70			
1940	8-4	.74	8-4	.40	8-4	.53	8-4	.53	8-4	.53	8-4	.53	8-4	.55	8-4	.55			
1941	9-2	.44	10-22	.18	11-5	.57	11-5	.57	11-5	1.03	11-5	1.04	10-30	1.62	10-30	1.62			
1942	7-8	2.11	7-8	1.24	7-8	2.51	7-8	2.70	7-8	2.83	7-8	3.56	7-8	3.84	7-8	3.84			
1943	5-17	1.46	5-17	.67	5-17	1.60	5-17	2.56	5-17	4.13	5-16	4.94	5-10	6.45	5-10	6.45			
1944	4-22	.97	4-22	.47	4-22	.69	4-22	2.84	4-22	4.25	4-22	4.50	4-22	4.54	4-22	4.54			
1945	6-16	1.29	6-16	.96	6-16	1.56	6-16	1.95	6-16	2.20	6-16	2.59	3-25	3.26	3-25	3.26			
1946	8-15	3.0	8-15	1.42	8-15	3.32	8-15	3.47	8-15	3.89	8-15	6.49	8-12	6.88	8-12	6.88			
a 1947	4-29	1.55	4-29	.78	4-29	1.16	4-29	1.20	4-29	1.29	4-29	1.32	4-24	2.66	4-24	2.66			
1948	7-25	.67	7-25	.43	7-25	.95	7-25	1.06	7-25	1.08	7-25	1.08	7-19	1.70	7-19	1.70			
1949	6-28	1.58	6-28	.73	6-28	.86	6-28	1.16	6-28	1.18	6-28	1.54	2-14	2.36	2-14	2.36			
1950	1-3	.83	1-3	.76	1-3	1.16	1-3	2.60	1-3	4.31	1-3	4.55	1-2	5.14	1-2	5.14			
1951	7-23	.73	7-23	.34	6-16	.45	7-23	.80	2-6	1.02	7-22	1.03	2-1	2.01	2-1	2.01			
1952	7-2	2.60	3-31	1.04	6-9	1.62	3-31	2.20	3-31	2.21	3-31	2.21	3-31	3.20	3-31	3.20			
1953	4-23	.68	4-23	.43	4-23	.52	4-23	.60	4-23	.63	4-23	.63	4-23	.64	4-23	.64			

Notes: a - Partially estimated by comparison with other watersheds. Quality of records; Excellent except those that are estimated which are fair. Records began Mar. 11, 1938. a - Station not in operation June 2 to Sept. 28, 1947.

Notes: e - Partially estimated by comparison with other watersheds. Quality of records; Excellent except those that are estimated which are fair. Records began Mar. 11, 1938. a - Station not in operation June 2 to Sept. 28, 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Edwardsville, Illinois Watershed W-3								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	3-30	3.74	3-30	1.78	3-30	2.00	7-17	2.13	7-17	2.13	3-30	3.56	3-29	3.89	3-23	4.01		
1939	7-16	1.59	8-19	.74	7-16	1.26	7-16	1.59	8-17	1.82	8-17	1.82	8-17	2.56	8-11	3.19		
1940	3-2	.19	3-2	.08	3-2	.09	12-15	.11	12-15	.11	12-15	.11	12-15	.11	12-15	.11		
1941	10-22	.38	10-22	.27	10-22	.35	10-22	.68	10-22	.72	10-21	.75	10-21	.75	10-17	1.02		
1942	7-8	1.07	7-8	.81	7-8	1.18	7-8	1.72	7-8	2.00	7-8	2.08	7-8	2.36	7-8	2.72		
Notes: Quality of records; Excellent. Records began March 9, 1938.																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				Edwardsville, Illinois				Watershed W-4								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	3-30	2.30	3-30	1.40	3-30	1.80	3-30	2.00	3-30	2.10	3-30	3.30	3-30	3.40	3-25	3.60
1939	7-16	.55	7-16	.39	8-17	.54	8-17	1.19	8-17	1.78	8-17	1.82	8-17	1.82	8-11	2.46
1940	8-4	.61	8-4	.41	8-4	.64	8-4	.73	8-4	.73	8-4	.73	8-4	.73	8-4	.74
1941	9-2	.32	9-2	.18	7-10	.23	11-5	.43	11-5	.62	11-5	.76	11-5	.78	10-30	1.20
1942	7-8	1.46	7-8	.96	7-8	1.43	7-8	2.11	7-8	2.30	7-8	2.42	7-8	3.00	7-8	3.35
1943	5-17	.92	5-17	.51	5-17	.73	5-17	1.32	5-17	2.12	5-17	2.12	5-17	4.12	5-10	5.39
1944	4-22	.71	4-22	.40	4-22	.60	4-22	1.55	4-22	2.48	4-22	3.59	4-22	3.83	4-22	5.33
1945	6-16	.87	6-16	.65	6-16	1.03	6-16	1.35	6-16	1.41	6-16	1.59	6-16	1.91	6-12	2.38
1946	8-15	2.82	8-15	1.40	8-15	1.78	8-15	3.10	8-14	3.35	8-15	3.81	8-15	6.02	8-14	6.45
1947	4-29	.98	4-29	.53	4-29	.70	4-29	.88	4-29	.92	4-29	1.00	4-29	1.06	4-24	2.18
1948	7-25	.55	7-25	.37	7-25	.52	7-25	.92	7-25	1.07	7-25	1.10	7-25	1.12	7-19	1.85
1949	6-28	1.40	6-28	.75	6-28	.90	6-28	.95	6-28	1.05	2-14	1.12	6-28	1.70	6-26	1.75
1950	1-3	.66	1-3	.60	1-3	.94	1-3	1.44	1-3	2.13	1-3	3.49	1-2	3.66	1-3	4.28
1951	7-23	.45	7-23	.30	6-16	.45	7-23	.77	7-23	.80	2-6	1.10	2-6	1.10	2-16	1.49
1952	7-2	1.76	7-2	.91	8-31	1.10	3-31	1.81	3-31	1.93	3-31	1.99	3-31	2.04	3-31	3.13
1953	4-24	.34	4-24	.26	4-23	.36	4-23	.48	4-23	.60	4-23	.60	4-23	.67	4-23	.81
1954	10-11	.39	10-11	.27	10-11	.36	10-11	.54	10-11	.55	10-11	.74	10-11	.75	10-5	.91
1955	8-7	.70	8-7	.35	8-7	.43	8-7	.47	8-7	.49	8-7	.50	2-19	.52	2-19	.72

Notes: e - Partially estimated by comparison with other watersheds. Quality of records; Excellent except for those that are estimated which are fair. Records began March 10, 1938. a - Station not in operation June 3 to Sept. 31.

[illegible]

18

00-51

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days							
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1940	6-7	3.60	6-7	.68	10-14	.82	10-14	.83	10-14	.83	10-14	.83	10-14	.83	10-14	.83	6-7	1.00		
1941	10-5	1.62	10-5	.43	10-5	.44	10-5	.47	10-5	.47	10-5	.47	10-5	.47	10-5	.47	10-5	.91		
1942	7-20	1.02	7-20	.60	7-20	.68	7-20	.68	7-20	.68	7-20	.68	7-20	.68	7-20	.68	7-13	.77		
1943	5-17	.58	5-17	.41	5-17	.56	5-17	.90	5-17	1.10	5-17	1.43	5-17	1.97	5-17	1.99	5-17	1.99		
1944	4-23	.07	4-23	.05	4-23	.08	4-23	.08	4-23	.08	4-22	.09	4-22	.09	4-22	.09	4-22	.09		
1945	8-14	.97	8-14	.32	8-14	.32	8-14	.33	8-14	.33	8-14	.33	8-14	.33	8-14	.33	8-14	.33		
1946	2-13	.27	2-13	.20	2-13	.34	2-13	.63	2-13	.72	2-13	.78	2-13	.78	2-13	.78	2-13	.78		
1947	4-30	.08	4-30	.07	4-29	.10	4-29	.15	4-29	.15	4-29	.22	4-29	.24	4-29	.24	4-29	.24		
1948	4-7	1.31	4-7	.48	4-7	.64	4-7	.68	4-7	.68	4-7	.94	4-7	.94	4-7	.94	4-5	1.14		
1949	1-4	.41	2-14	.27	2-14	.41	2-14	.71	2-14	.76	1-4	.83	1-4	.83	1-4	.83	1-4	.83		
1950	4-3	.70	1-25	.35	1-25	.45	1-9	.60	1-9	.61	1-3	.99	1-3	.99	1-3	.99	1-3	1.60		
1951	2-20	.04	2-20	.03	1-14	.05	1-14	.07	1-14	.08	1-14	.08	1-12	.10	1-12	.10	1-12	.14		
1952	6-13	.63	6-14	.34	6-14	.41	6-14	.44	6-13	.71	6-13	.72	6-13	.90	6-13	.90	6-13	.90		
p 1953	7-5	.26	7-5	.07	7-5	.07	7-5	.11	7-5	.11	7-5	.18	7-5	.18	7-5	.18	7-1	.19		

Notes: p - Station established in March, 1940; discontinued in October, 1953.
Quality of records: good except during some freezing periods.

Notes: p - Station established in March, 1940; discontinued in October, 1953.
Quality of records: good except during some freezing periods.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 2										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1940	6-7	3.56	6-7	.61	6-7	.61	6-7	.61	6-7	.61	6-7	.65	6-7	.65	6-7	.65	6-7	.84		
1941	10-5	.95	10-9	.28	10-9	.28	10-9	.28	10-9	.28	10-9	.28	10-9	.28	10-9	.28	10-5	.45		
1942	7-20	.73	7-20	.42	7-20	.44	7-20	.44	7-20	.44	7-20	.44	7-20	.44	7-20	.44	7-20	.44		
1943	5-17	1.21	5-17	.84	5-17	1.25	5-17	1.93	5-17	2.34	5-16	2.87	5-16	3.60	5-16	3.60	5-16	3.63		
1944	4-11	.16	4-11	.12	4-11	.18	4-11	.28	4-11	.28	4-11	.33	4-11	.33	4-11	.33	4-11	.33		
1945	8-14	.45	8-14	.07	12-24	.07	12-24	.12	12-24	.16	12-24	.16	12-24	.16	12-24	.16	12-24	.18		
1946	2-13	.25	2-13	.21	2-13	.26	2-13	.36	2-13	.36	2-13	.38	2-13	.38	2-13	.38	2-13	.38		
1947	6-7	.34	4-30	.13	4-30	.20	4-30	.21	4-30	.21	4-29	.41	4-29	.41	4-29	.41	4-29	.41		
1948	6-26	2.52	4-7	.59	4-7	.76	4-7	.81	4-7	.81	4-7	1.08	4-6	1.13	4-5	1.27	4-5	1.27		
1949	1-4	.63	2-14	.35	2-14	.46	2-14	.70	2-14	.70	2-14	.70	2-14	.70	2-14	.70	2-14	.73		
1950	4-3	1.19	1-25	.51	1-25	.65	1-25	.74	1-3	.97	1-3	1.56	1-2	1.66	1-2	1.66	1-2	2.26		
1951	6-17	.29	2-12	.07	2-12	.10	2-16	.16	2-16	.23	2-16	.23	2-16	.23	2-16	.23	2-12	.34		
1952	6-13	2.40	6-13	.56	6-13	.57	6-13	.90	6-13	.93	6-13	1.49	6-13	1.49	6-13	1.49	6-13	1.49		
p 1953	3-18	.01	3-18	.01	3-18	.01	3-18	.01	3-18	.01	3-18	.01	3-18	.01	3-18	.01	3-18	.01		

Notes: p - Station established in March, 1940; discontinued October, 1953. e - Estimated or partially estimated.
Quality of records: good except during freezing periods which is fair.

Notes: p - Station established in March, 1940; discontinued October, 1953. e - Estimated or partially estimated.
 Quality of records: good except during freezing periods which is fair.

10-5-7

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 4										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p1940	6-7	3.24	6-7	.52	10-14	.56	10-14	.57	6-7	.58	6-7	.58	6-7	.57	6-7	.85	6-7	.85		
1941	10-5	.77	10-9	.25	10-9	.26	10-9	.26	10-9	.26	10-9	.26	10-9	.26	10-5	.44	10-5	.44		
1942	7-20	.60	7-20	.34	7-20	.36	7-20	.36	7-20	.36	7-20	.36	7-20	.36	7-20	.36	7-20	.36		
1943	5-17	.98	5-17	.62	5-17	.84	5-17	1.37	5-17	1.73	5-17	2.15	5-17	2.83	5-17	2.83	5-17	2.83		
1944	* 4-11	.07	4-23	.06	4-11	.09	4-11	.15	4-11	.15	4-11	.22	4-11	.22	4-11	.22	4-11	.22		
1945	8-14	1.93	6-12	.67	6-12	.74	6-12	.76	6-12	.76	6-12	1.05	6-12	1.11	6-10	1.30	6-10	1.30		
1946	2-13	.37	2-13	.20	2-13	.26	2-13	.37	2-13	.38	2-13	.52	2-13	.52	2-13	.52	2-13	.52		
1947	8-2	.87	8-2	.40	8-2	.41	8-2	.41	8-2	.41	8-2	.41	8-2	.41	9-11	.58	9-11	.58		
1948	6-26	4.51	6-26	.53	4-7	.76	4-7	.76	4-7	.76	4-7	1.12	4-5	1.21	4-5	1.78	4-5	1.78		
1949	2-14	.83	2-14	.36	2-14	.47	2-14	.72	2-14	.73	2-14	.73	2-14	.73	2-14	.73	2-14	.73		
1950	9-21	2.02	9-21	.58	9-21	.58	1-3	.65	1-3	1.03	1-3	1.71	1-2	1.78	1-2	1.78	1-2	1.78		
1951	6-17	4.01	7-9	e .64	7-9	e .73	7-9	e .76	7-9	e .78	7-9	e .78	7-9	e .78	7-3	e.79	7-3	e.79		
1952	6-13	e 4.84	6-13	.93	6-13	e .98	6-13	e1.49	6-13	e1.51	6-13	e2.16	6-13	e2.16	6-13	e2.16	6-13	e2.16		
p1953	5-24	3.13	5-24	.61	5-24	.63	5-24	.65	5-24	.65	7-5	.69	7-5	.69	7-1	.97	7-1	.97		

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Partially estimated.
Quality of records: good except during freezing periods which is fair.* Identical maximum discharge on 4-23-44.

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Partially estimated.

Quality of records: good except during freezing periods which is fair.* Identical maximum discharge on 4-23-44.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p1940	6-7	2.27	6-7	.44	6-7	.45	6-7	.45	6-7	.45	6-7	.45	6-7	.54
1941	11-6	T	11-6	T	11-6	T	11-6	T	11-6	T	11-6	T	11-6	T
1942	7-20	.47	7-20	.34	7-20	.42	7-20	.42	7-20	.49	7-20	.58	7-20	.66
1943	7-5	2.80	5-17	.81	5-17	1.77	5-17	2.27	5-17	2.88	5-17	3.71	5-16	3.89
1944	5-22	.95	5-22	.35	4-11	.38	4-10	.39	4-10	.59	4-22	.62	4-22	.64
1945	8-14	.90	8-14	.33	5-15	.36	5-16	.46	5-15	.82	5-15	.86	5-14	.92
1946	6-19	1.57	6-19	.35	2-13	.58	2-13	.73	2-13	.86	2-13	.86	2-13	.86
1947	8-2	.88	8-2	.43	4-29	.47	4-29	.48	4-29	.78	4-29	.78	4-24	1.01
1948	4-7	2.34	4-7	.64	4-7	.96	4-7	.96	4-7	1.40	4-5	1.59	4-5	2.32
1949	3-26	.34	1-18	.24	1-18	1.01	1-18	1.36	1-18	1.39	1-18	1.39	1-18	1.50
1950	6-24	4.89	6-24	1.02	6-24	1.03	1-3	1.03	1-3	1.67	1-3	1.72	1-2	2.46
1951	6-17	2.62	7-9	.93	7-9	1.07	7-9	1.07	7-9	1.07	7-9	1.07	7-9	1.07
1952	6-13	.98	6-13	.33	6-13	.67	6-13	.70	6-13	1.19	6-13	1.19	6-12	1.20
p1953	7-5	.19	3-14	.10	3-14	.32	3-14	.34	3-14	.36	3-14	.36	3-14	.68

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated. Quality of records: good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 6									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1940	6-7	1.70	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40			
* 1941	6-13	T	6-13	T	6-13	T	6-13	T	6-13	T	6-13	T	6-13	T	6-13	T			
1942	7-20	.60	7-20	.42	7-20	.53	7-20	.54	7-20	.54	7-20	.54	7-20	.54	7-13	.58			
1943	7-5	1.76	5-17	.67	5-17	.90	5-17	1.57	5-17	2.06	5-17	2.61	5-16	3.42	5-16	3.50			
1944	4-23	.10	4-11	.07	4-11	.12	4-11	.19	4-10	.21	4-10	.22	4-10	.22	4-7	.33			
1945	8-14	.14	5-16	.06	5-16	.10	5-16	.15	5-16	.21	5-16	.39	5-16	.42	5-14	.44			
1946	6-19	.35	2-13	.18	2-13	.27	2-13	.45	2-13	.54	2-13	.63	2-13	.63	2-13	.63			
1947	6-7	.95	6-7	.24	6-7	.25	6-7	.25	6-7	.25	6-7	.25	6-7	.25	6-7	.25			
1948	4-7	1.85	4-7	.63	4-7	.84	4-7	.87	4-7	.87	4-7	1.19	4-5	1.32	4-5	1.58			
1949	2-14	.21	2-14	.18	2-14	.28	2-14	.53	1-18	.83	1-18	.84	1-18	.84	1-18	.87			
1950	6-24	4.12	6-24	.90	6-24	.91	6-24	.92	6-24	.92	1-3	1.31	1-2	1.40	1-2	1.88			
1951	7-9	.52	7-9	.34	7-9	.42	7-9	.46	7-9	.46	7-9	.46	7-9	.46	12-25	.55			
1952	6-14	.14	6-14	.11	6-14	.15	6-14	.18	6-14	.24	6-13	.26	6-13	.26	6-13	.26			
p 1953	3-3	.08	3-3	.06	3-3	.11	3-3	.18	3-3	.19	3-3	.19	3-3	.19	3-14	.31			

Notes: p - Station established in March, 1940; discontinued in October, 1953. * Trace was also recorded on 11-6-41. Quality of records: good except during freezing period which is fair. e - Estimated.

Notes: p - Station established in March, 1940; discontinued in October, 1953. * Trace was also recorded on 11-6-41. Quality of records: good except during freezing period which is fair. e - Estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 8									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1940	6-7	2.83	6-7	.54	10-14	.73	10-14	.76	10-14	.76	10-14	.76	10-14	.76	6-7	.78			
1941		0		0		0		0		0		0		0		0			
1942	7-20	.57	7-20	.33	7-20	.37	7-20	.37	7-20	.37	7-20	.37	7-20	.37	7-20	.37			
1943	7-4	2.50	5-18	.59	5-18	.77	5-18	1.15	5-17	1.44	5-17	2.29	5-17	3.38	5-17	3.99			
1944	5-22	1.35	5-22	.38	5-22	.38	5-22	.38	5-30	.45	5-30	.45	5-30	.45	5-22	.54			
1945	8-14	1.62	8-14	.36	8-14	.36	8-14	.36	8-14	.36	8-14	.36	8-14	.36	8-14	.36			
1946	6-19	1.64	6-19	.39	6-19	.39	6-19	.40	6-19	.40	6-19	.40	6-18	.58	6-18	.58			
1947	6-7	2.02	8-2	.61	8-2	.61	8-2	.61	8-2	.61	8-2	.61	8-2	.61	8-2	.61			
1948	4-7	2.92	4-7	.72	4-7	.97	4-7	.99	4-7	.99	4-7	1.41	4-5	1.57	4-5	2.31			
1949	2-14	.41	2-14	.29	2-14	.60	2-14	.89	2-14	.90	2-14	.93	2-14	.93	2-14	.99			
1950	6-24	6.62	6-24	1.25	6-24	1.25	6-24	1.25	6-24	1.25	1-2	e2.05	1-3	e2.09	1-2	e3.13			
1951	7-9	2.66	7-9	1.09	7-9	1.24	7-9	1.24	7-9	1.24	7-9	1.24	7-8	1.25	7-3	1.41			
1952	6-13	1.56	6-13	.50	6-13	.51	6-13	.82	6-13	.82	6-13	.82	6-13	1.21	6-13	1.21			
p 1953	7-1	.21	3-18	.07	3-18	.12	3-18	.24	3-18	.27	3-18	.27	3-18	.27	3-15	.31			

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated.
Quality of records: good except during freezing period which is fair.

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated.
 Quality of records: good except during freezing period which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 10									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1940	6-7	.09	6-7	.01	6-7	.01	6-7	.01	6-7	.01	6-7	.01	6-7	.01	6-7	.01			
* 1941	10-5	T	10-5	T	10-5	T	10-5	T	10-5	T	10-5	T	10-5	T	10-5	T			
1942	7-20	3.00	7-20	1.40	7-20	1.53	7-20	1.54	7-20	1.54	7-20	1.54	7-20	1.54	7-13	1.97			
1943	5-17	1.24	5-17	.97	5-17	1.55	5-16	2.46	5-16	3.15	5-16	4.06	5-16	5.00	5-16	5.53			
1944	4-11	.40	4-11	.37	4-11	.64	4-11	1.20	4-10	1.43	4-10	1.80	4-10	1.80	4-9	1.92			
1945	8-14	3.16	8-14	.76	8-14	.94	8-14	.96	8-14	.96	6-12	1.29	6-12	1.34	6-12	2.29			
1946	6-19	1.48	6-19	.44	2-13	.47	2-13	.75	2-13	1.03	2-13	1.06	2-13	1.06	2-13	1.13			
1947	6-8	2.17	6-8	.91	6-8	.96	6-8	.98	6-8	.98	4-29	.98	4-29	1.05	4-25	1.47			
1948	4-7	.91	4-7	.50	4-7	.65	4-7	.76	4-7	.77	4-7	1.11	4-5	1.35	4-5	2.06			
1949	6-21	.80	2-14	.27	2-14	.43	2-14	.76	1-18	.94	1-18	.94	1-18	.94	1-18	.96			
1950	6-24	6.65	6-24	1.34	6-24	1.35	6-24	1.36	6-24	1.37	6-24	1.37	6-16	1.39	6-18	1.57			
1951	7-9	.54	7-9	.35	7-9	.42	2-20	e .77	2-20	e 1.21	2-20	e 1.28	2-20	e 1.30	2-13	e 1.70			
1952	6-14	.54	6-14	.39	6-14	.55	6-14	.70	6-22	.86	6-13	1.34	6-13	1.34	6-13	1.34			
p 1953	7-5	2.14	7-5	.38	3-3	.47	3-3	.80	3-3	.86	3-3	.88	3-3	.92	3-12	1.05			

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated or partially estimated.
Quality of records: good except during freezing periods which is fair. * Traces also recorded 10-31 and 11-6-41.

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated or partially estimated.
 Quality of records: good except during freezing periods which is fair. * Traces also recorded 10-31 and 11-6-41.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	LAFAYETTE, INDIANA				Watershed 12			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																					
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days									
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
p 1940	6-7	.33	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-23	.07	6-23	.07						
1941	10-9	.34	10-9	.14	11-6	.18	11-6	.19	11-6	.19	11-6	.19	11-6	.19	11-6	.19	10-31	.27						
1942	7-20	1.10	7-20	.78	7-20	.92	7-20	.93	7-20	.93	7-20	.93	7-20	.93	7-20	.93	7-13	1.13						
1943	5-17	.97	5-17	.75	5-17	1.20	5-17	2.06	5-17	2.65	5-17	2.65	5-16	3.38	5-16	4.12	5-16	4.26						
1944	4-11	.30	4-11	.30	4-11	.50	4-11	.88	4-10	.98	4-10	.98	4-10	1.17	4-10	1.20	4-9	1.22						
1945	6-12	.96	6-12	.50	6-12	.58	3-30	.67	3-30	.85	3-30	.85	3-29	.88	3-29	.88	3-29	1.27						
1946	2-13	.29	2-13	.25	2-13	.45	2-13	.75	2-13	.93	2-12	.93	2-11	.95	2-13	.95	2-13	.99						
1947	6-7	2.22	6-7	.58	6-7	.62	6-7	.67	6-7	.71	6-7	.71	6-7	.71	6-7	.71	6-2	.71						
1948	6-26	2.94	4-7	.67	4-7	.80	4-7	.90	4-7	.93	4-7	.93	4-7	1.34	4-7	1.34	4-5	2.06						
1949	2-14	.85	2-14	.56	2-14	.80	2-14	1.38	2-14	1.43	2-14	1.43	2-14	1.55	2-14	1.55	2-14	1.68						
1950	7-19	.71	7-19	e .33	4-3	e .47	4-3	e .71	4-3	e .91	1-3	e 1.08	1-2	e 1.76	1-2	e 1.76	1-2	e 2.56						
1951	6-17	2.11	7-9	.95	7-9	1.08	7-9	1.12	7-9	1.12	7-9	1.12	7-8	1.13	7-3	1.13	7-3	1.15						
1952	6-13	3.42	6-13	1.06	6-13	1.12	6-13	1.83	6-13	1.88	6-13	1.88	6-13	2.65	6-13	2.65	6-12	2.77						
p 1953	7-5	.78	7-5	.27	6-10	.28	3-18	.34	3-18	.36	7-5	.42	7-5	.43	7-5	.43	3-14	.65						

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated or partially estimated.
Quality of records; good except during freezing periods which is fair.

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated or partially estimated.
 Quality of records; good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				LAFAYETTE, INDIANA Watershed 14												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1940	6-7	1.74	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.49
* 1941	6-9	T	6-9	T	6-9	T	6-9	T	6-9	T	6-9	T	6-9	T	6-9	T
1942	6-6	3.73	7-20	1.31	7-20	1.45	7-20	1.47	7-20	1.47	7-20	1.47	7-20	1.47	7-13	1.58
1943	5-18	.65	5-18	.50	5-18	.68	5-17	1.03	5-17	1.53	5-17	2.28	5-16	3.07	5-16	3.32
1944	4-23	.18	4-23	.16	4-23	.23	4-11	.39	4-11	.44	4-11	.68	4-11	.70	4-11	.73
1945	6-13	.49	6-16	.26	6-16	.30	6-16	.34	6-15	.38	6-15	.39	6-15	.44	6-12	.88
1946	2-13	.14	2-13	.14	2-13	.24	2-13	.36	2-13	.38	2-13	.40	2-13	.40	2-13	.41
1947	6-7	.39	6-7	.24	6-7	.30	6-7	.33	4-29	.41	4-29	.62	4-29	.62	4-25	.62
1948	4-7	.76	4-7	.47	4-7	.62	4-7	.81	4-7	.85	4-7	1.31	4-5	1.62	4-5	2.27
1949	2-14	.22	2-14	.19	2-14	.35	2-14	.74	2-14	.80	2-14	.80	2-14	.80	2-14	.84
1950	6-24	5.15	6-24	1.03	6-24	1.03	6-24	1.03	1-3	1.17	1-3	1.88	1-2	1.96	1-2	2.81
1951	2-20	.17	2-20	.13	2-20	.21	2-20	.30	2-20	.40	2-20	.40	2-20	.40	2-13	.89
1952	4-13	.14	4-13	.12	4-13	.19	4-13	.32	4-12	.37	4-12	.47	4-12	.47	4-12	.47
p 1953	6-10	.55	6-10	.25	6-10	.26	3-18	.39	3-18	.44	3-18	.46	3-18	.46	3-14	.76

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Partially estimated. / and 11-6-41.

Quality of records: good except during freezing periods which is fair. * Traces were also recorded on 6-11, 10-5,

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Partially estimated. / and 11-6-41.
 Quality of records: good except during freezing periods which is fair. * Traces were also recorded on 6-11, 10-5,

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 15										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1940	6-7	1.68	6-7	.48	6-7	.48	6-7	.48	6-7	.49	6-7	.49	6-7	.49	6-7	.54				
* 1941	6-11	T	6-11	T	6-11	T	6-11	T	6-11	T	6-11	T	6-11	T	6-11	T				
1942	7-20	4.22	7-20	2.44	7-20	2.77	7-20	2.78	7-20	2.78	7-20	2.78	7-19	2.80	7-13	3.53				
1943	5-17	1.34	5-17	.80	5-17	1.18	5-17	1.77	5-17	2.18	5-17	2.92	5-17	e 3.83	5-16	e 4.09				
1944	4-23	.19	4-23	.16	4-23	.25	4-23	.34	4-23	.36	4-23	.37	4-22	.50	4-22	.50				
1945	8-14	5.10	8-14	.90	8-14	.96	8-14	.96	8-14	.96	8-14	.96	8-14	.96	8-14	.96				
1946	6-19	.65	2-13	.27	2-13	.37	2-13	.53	2-13	.70	2-13	.73	2-13	.73	2-13	.73				
1947	6-7	.77	6-7	.28	6-7	.28	6-7	.28	6-7	.28	6-7	.28	6-7	.28	6-2	.29				
1948	4-7	.92	4-7	.56	4-7	.67	4-7	.78	4-7	.80	4-7	1.14	4-7	1.14	4-5	1.56				
1949	6-21	e .73	2-14	.19	2-14	.33	2-14	.71	2-14	.84	2-14	.85	2-14	.85	2-14	.85				
1950	6-24	8.21	6-24	1.16	6-16	1.17	6-16	1.19	6-16	1.19	1-3	1.51	1-3	1.52	1-3	2.33				
1951	2-20	.25	2-20	.23	2-20	.37	2-20	.61	2-20	.88	2-20	.89	2-20	.89	2-12	e 1.53				
1952	6-13	.17	4-13	.08	4-13	.13	4-13	.15	6-13	.15	4-13	.15	4-13	.15	6-13	.24				
p 1953	6-10	3.82	6-10	.69	6-10	.72	6-10	.72	6-10	.72	7-5	.86	7-5	.86	7-1	.97				

Notes: p - Station established in April, 1940; discontinued in September, 1953. * Trace was also recorded on 11-6-41.
Quality of records: good except those during freezing periods which are fair. e - Estimated or partially estimated

Notes: p - Station established in April, 1940; discontinued in September, 1953. * Trace was also recorded on 11-6-41.
 Quality of records: good except those during freezing periods which are fair. e - Estimated or partially estimated

Annual Maximum Discharges in Inches per Hour and Annual Maximum Volumes of Runoff in Inches for Selected Time Intervals

Lafayette, Indiana

Watershed 18

Year	Maximum Discharge		Maximum Volume for Selected Time Interval													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1940	6-23	.30	6-23	.07	6-23	.13	6-23	.13	6-23	.13	6-23	.13	6-23	.13	6-23	.13
1941		0		0		0		0		0		0		0		0
1942	6-6	3.31	7-20	1.22	7-20	1.41	7-20	1.41	7-20	1.41	7-19	1.41	7-13	1.55		
1943	5-17	.60	5-17	.40	5-17	1.10	5-17	1.52	5-17	2.04	5-17	2.73	5-17	2.88		
1944	4-11	.19	4-11	.16	4-11	.47	4-11	.52	4-10	.63	4-10	.65	4-9	.65		
1945	6-12	.58	6-12	.21	6-12	.25	6-12	.26	6-12	.38	6-12	.39	6-12	.62		
1946	2-13	.12	2-13	.09	2-13	.27	2-13	.36	2-13	.37	2-13	.37	2-13	.37	e	
1947	6-7	.54	6-7	.27	6-7	.31	6-7	.31	6-7	.31	4-29	.45	4-25	.48		
1948	4-7	.73	4-7	.56	4-7	.85	4-7	.85	4-7	.85	4-7	1.08	4-5	1.54		
1949	2-14	.22	2-14	.17	2-14	.66	2-14	.71	2-14	.73	2-14	.73	2-14	.73		
1950	6-24	4.98	6-24	1.07	6-24	1.08	6-24	1.08	6-24	1.63	1-2	1.74	1-2	1.74		
1951	2-20	.30	2-20	.25	2-20	.71	2-20	1.05	2-20	1.10	2-20	1.10	2-20	1.10		
1952	6-14	.23	6-14	.16	6-14	.31	6-14	.32	6-13	.49	6-13	.49	6-13	.49		
p 1953	6-10	.12	3-14	.08	3-14	.29	3-18	.34	3-18	.35	3-14	.35	3-14	.35		

Notes: p - Station established in March, 1940; discontinued in October, 1953.

Quality of records; good except during freeing periods which is fair.

e - Estimated.

Notes: p - Station established in March, 1940; discontinued in October, 1953. e - Estimated.
Quality of records; good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 20									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												8 days				
			1 hour		2 hours		6 hours		12 hours		1 day		2 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1940	6-7	3.33	10-14	.53	10-14	.68	10-14	.69	10-14	.69	10-14	.69	10-14	.69	10-14	.69			
1941		0		0		0		0		0		0		0		0			
1942	7-20	1.74	7-20	.91	7-20	.96	7-20	.96	7-20	.96	7-20	.96	7-20	.96	7-13	1.04			
1943	5-17	.83	5-17	.57	5-17	.82	5-17	1.48	5-17	2.10	5-17	3.02	5-17	3.79	5-17	4.55			
1944	4-23	.17	4-23	.13	4-23	.19	4-23	.31	4-23	.35	4-11	.56	4-11	.67	4-11	.93			
1945	8-14	2.42	8-14	.47	8-14	.48	8-14	.48	8-14	.48	8-14	.48	5-15	.61	3-31	.73			
1946	2-13	.31	2-13	.22	2-13	.30	2-13	.50	2-13	.68	2-13	.86	2-13	.86	2-13	.87			
1947	6-7	.53	6-7	.23	6-7	.27	6-7	.32	6-7	.37	4-29	.76	4-29	.83	4-29	.96			
1948	4-7	2.39	4-7	.63	4-7	.79	4-7	.89	4-7	.93	4-7	1.31	4-7	1.39	4-5	2.40			
1949	1-18	.30	1-18	.21	1-18	.41	1-18	1.06	1-18	1.40	1-18	1.41	1-18	1.41	1-10	1.67			
1950	9-21	2.78	9-21	.54	1-25	.87	1-25	1.04	1-3	1.43	1-3	2.48	1-2	3.36	1-1	3.46			
1951	2-20	.17	2-20	.12	2-20	.18	2-20	.22	2-20	.24	2-20	.24	2-20	.24	2-20	.24			
1952	6-14	.51	6-14	.29	6-14	.36	6-14	.44	6-14	.46	6-13	.58	6-13	.67	6-13	.67			

Notes: p - Station established in March, 1940.

Quality of records: good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed 25										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1940	6-7	2.44	6-7	.43	6-7	.43	6-7	.43	6-23	.48	6-23	.48	6-23	.48	6-23	.48				
1941		0		0		0		0		0		0		0		0				
1942	7-20	.77	7-20	.67	7-20	.77	7-20	.77	7-20	.77	7-20	.77	7-20	.77	7-13	.80				
1943	5-17	.73	5-17	.59	5-17	.95	5-17	1.73	5-16	2.39	5-16	3.27	5-16	4.08	5-16	4.62				
1944	4-23	.13	4-23	.09	4-23	.14	4-23	.22	4-23	.28	4-23	.29	4-22	.44	4-22	.46				
1945	8-14	.75	8-14	.21	6-30	.23	6-16	.28	6-16	.30	6-16	.37	6-16	.42	5-14	.68				
1946	2-13	.23	2-13	.20	2-13	.32	2-13	.50	2-13	.61	2-13	.82	2-13	.82	2-13	.89				
1947	6-7	.90	6-7	.50	6-7	.64	6-7	.75	6-7	.81	4-29	1.06	4-29	1.08	4-24	1.47				
1948	4-7	1.67	4-7	.68	4-7	.85	4-7	1.01	4-7	1.04	4-7	1.63	4-7	1.02	4-7	2.45				
1949	1-18	.40	1-18	.37	1-18	.67	1-18	1.59	1-18	2.15	1-18	2.18	1-18	2.18	1-18	2.18				
1950	6-24	.84	1-25	.46	1-25	.65	1-25	.88	1-3	1.32	1-3	2.28	1-3	2.43	1-3	2.43				
1951	2-20	.20	2-20	.16	2-20	.26	2-20	.43	2-20	.59	2-20	.61	2-20	.61	2-20	.61				
1952	6-14	.45	6-14	.35	6-14	.49	6-14	.68	6-13	1.02	6-13	1.40	6-13	1.45	6-12	1.45				

Notes: p - Station established in March, 1940.
Quality of records: good except during freezing periods which is fair.

Notes: p - Station established in March, 1940.

Quality of records: good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed F-31 (Purdue Dairy Farm)									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
p 1940	9-8	.06	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02					
1941	10-5	2.08	6-11	.42	6-11	.42	11-6	.53	11-6	.59	11-6	.59	10-31	1.01					
1942	9-19	1.02	2-5	.48	2-5	1.04	2-5	1.41	2-5	1.72	2-3	2.06	2-3	2.20					
1943	6-16	2.55	5-17	.60	5-17	1.00	5-17	2.44	5-17	3.09	5-16	4.03	5-16	5.53					
1944	10-5	1.76	4-11	.52	4-11	.92	4-11	1.37	4-10	1.52	4-9	2.27	4-7	2.76					
1945	9-28	1.33	9-28	.42	9-28	.56	5-14	.75	3-30	.97	3-30	1.05	3-30	2.25					
1946	7-20	.88	7-20	.32	7-20	.33	3-14	.47	3-14	.53	1-3	.78	1-3	1.26					
1947	6-6	2.22	6-6	1.11	6-6	1.21	6-6	1.31	6-6	1.46	6-6	1.67	6-2	1.83					
1948	3-26	.48	3-26	.23	3-26	.44	3-26	.61	3-26	.69	3-26	.83	3-26	1.43					
1949	1-18	.49	1-18	.34	1-18	.59	1-18	1.49	1-18	1.78	1-18	1.84	1-18	1.84					
1950	6-24	1.94	6-24	.53	1-3	.74	1-3	1.94	1-3	3.03	1-3	4.18	1-3	4.98					
1951	7-9	1.25	7-9	.45	7-9	.53	7-9	.58	2-20	.87	2-20	.94	2-20	1.36					

Notes: p - Records established in August 1940.
e - Estimated or partially estimated.

Quality of records: good except during freezing periods which is fair.

Notes: p - Records established in August 1940. Quality of records: good except during freezing periods which is fair.
 e - Estimated or partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed F-32 (Purdue Dairy Farm)										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1940	9-8	.07	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02	9-8	.02
1941	6-11	.56	6-11	.14	6-11	.14	6-11	.14	6-11	.14	6-11	.14	11-6	.18	11-6	.19	10-31	.27	10-31	.27
1942	2-5	.31	2-5	.18	2-5	.32	2-5	.86	2-5	1.39	2-5	1.67	2-4	1.88	2-4	1.88	2-3	2.56	2-3	2.56
1943	6-16	1.46	5-17	.68	5-17	1.02	5-17	1.87	5-17	2.53	5-17	3.22	5-16	4.24	5-16	4.24	5-10	6.22	5-10	6.22
1944	4-11	.56	4-11	.45	4-11	.78	4-11	1.21	4-11	1.41	4-11	1.67	4-9	2.27	4-9	2.27	4-9	3.16	4-9	3.16
1945	4-2	.51	4-2	.30	4-2	.40	4-2	.56	4-2	.67	4-2	.88	3-31	.95	3-31	.95	5-7	2.13	5-7	2.13
1946	7-20	.56	7-20	.23	2-13	.26	2-13	.48	2-13	.56	2-13	.63	2-13	1.09	2-13	1.09	2-13	1.17	2-13	1.17
1947	6-6	1.92	6-6	.84	6-6	.96	6-6	1.09	6-6	1.27	6-6	1.53	6-6	1.69	6-6	1.69	6-6	1.92	6-6	1.92
1948	3-26	.25	3-26	.20	3-26	.33	3-26	.56	3-26	.66	3-26	.84	3-26	.88	3-26	.88	3-23	1.41	3-23	1.41
1949	1-19	.49	1-19	.35	1-19	.52	1-19	1.36	1-19	1.67	1-19	1.78	1-18	1.79	1-18	1.79	12-20	1.93	12-20	1.93
1950	6-24	.99	1-13	.35	1-3	.49	1-3	.85	1-3	1.40	1-3	2.37	1-2	2.69	1-2	2.69	1-2	3.30	1-2	3.30
1951	7-9	.84	7-9	.39	7-9	.45	7-9	.57	2-20	1.07	2-20	1.29	2-20	1.43	2-20	1.43	2-18	1.97	2-18	1.97

Notes: p - Records established in August 1940. Quality of records: good except during freezing periods which is fair.

Notes: p - Records established in August 1940. Quality of records: good except during freezing periods which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LAFAYETTE, INDIANA Watershed F-34 (Purdue Dairy Farm)										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1940	9-8	.01	9-8	T	9-8	.01	9-8	.01	9-8	.01	9-8	.01	9-8	.01	9-8	.02	9-8	.02		
1941	6-11	.11	6-11	.04	6-11	.04	6-11	.04	6-11	.04	6-11	.04	6-11	.04	6-11	.04	6-11	.04		
1942	2-5	.09	4-7	.08	4-7	.16	4-7	.36	2-5	.71	2-5	.86	4-7	.98	4-7	1.44	4-7	1.44		
1943	5-17	e .68	5-17	e .51	5-17	e .91	5-17	e 1.73	5-17	e 2.28	5-17	e 2.88	5-17	e 3.75	5-17	e 6.86	5-17	e 6.86		
1944	4-11	.17	4-11	.15	4-11	.26	4-11	.46	4-11	.54	4-11	.72	5-8	.85	5-8	1.09	5-8	1.09		
1945	5-15	.21	5-15	.19	5-14	.35	5-14	.73	5-14	.89	5-14	1.00	5-14	1.81	5-14	2.31	5-14	2.31		
1946	2-13	* .17	2-13	.16	3-14	.32	3-14	.64	2-13	.85	2-13	1.10	2-13	1.15	3-24	e 1.43	3-24	e 1.43		
1947	6-6	1.28	6-6	.92	6-6	1.23	6-6	1.53	6-6	1.78	6-6	2.20	6-6	2.42	4-24	3.23	4-24	3.23		
1948	5-12	.17	5-12	.16	5-12	.29	5-12	.66	5-12	.92	5-12	1.14	5-12	1.28	3-21	1.99	3-21	1.99		
1949	1-27	.07	1-27	.07	1-27	.12	1-27	.24	1-27	.32	1-27	.38	1-27	.40	1-27	.40	1-27	.40		
1950	1-13	.28	1-13	.25	1-4	.49	1-4	1.31	1-3	2.25	1-3	3.98	1-3	4.34	1-3	5.50	1-3	5.50		
1951	2-21	.13	2-20	.13	2-20	.24	2-20	.52	2-20	.93	2-20	1.15	2-20	1.27	2-18	1.49	2-18	1.49		

Notes: p - Records established in August 1940. Quality of records: good except during freezing periods which is fair.
e - Estimated or partially estimated. * - Identical peak rate on 3-14-46.

Notes: p - Records established in August 1940. Quality of records: good except during freezing periods which is fair.
e - Estimated or partially estimated. * - Identical peak rate on 3-11-46.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

Clarinda, Iowa Watershed V

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1933	5-12	1.02	5-12	0.21	5-12	0.21	5-12	0.21	5-12	0.21	5-12	0.21	5-12	0.21	5-12	0.21
1934	5-12	.02	5-12	.01	5-12	.01	1-22	.02	1-22	.02	1-22	.02	1-22	.02	1-22	.02
1935	6-26	.09	6-26	.04	6-26	.04	1-19	.08	1-19	.10	1-19	.10	1-19	.10	1-19	.10
1936	5-9	.05	5-9	.01	5-9	.02	5-9	.03	5-8	.04	5-8	.04	2-29	.05	2-29	.07
1937	5-6	1.93	5-6	.32	5-6	.32	5-20	.38	5-20	.38	5-20	.38	5-20	.38	6-13	.44
1938	5-4	.09	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.03
1939	6-8	1.60	6-8	.40	6-8	.45	6-8	.46	6-8	.46	6-8	.46	6-8	.66	2-28	1.45
1940	7-27	2.83	7-27	.90	7-27	1.02	7-27	1.02	7-27	1.15	7-27	1.24	7-26	1.40	7-26	1.51
1941	6-9	3.51	6-8	1.08	6-8	1.23	6-8	1.57	6-8	1.60	6-8	1.63	6-8	1.66	6-2	1.84
1942	6-20	.66	6-20	.21	6-20	.23	6-20	.25	6-20	.25	6-20	.25	6-20	.25	6-20	.25

Notes: e - Partially estimated. Quality of records; Fair. Records began October, 1932, ended June, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS					Clarinda, Iowa Watershed W									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1934	5-12	1.46	5-12	0.41	5-12	0.41	5-12	0.41	5-12	0.41	5-12	0.41	5-12	0.41
1935	6-1	.86	6-1	.14	5-31	.15	5-31	.28	5-31	.28	5-31	.49	5-31	.63
1936	4-30	.10	4-30	.04	4-30	.04	4-30	.05	4-30	.08	4-30	.08	4-30	.09
1937	6-15	e .40	6-15	e .20	6-15	e .25	5-20	.32	5-20	.32	5-20	.32	6-13	.47
1938	8-20	e .70	8-20	e .20	6-20	e .23	6-20	e .24	6-20	e .24	6-20	e .24	6-20	e .24
1939	6-8	3.60	6-8	.72	6-8	.80	6-8	.86	6-8	.86	3-10	e1.25	3-4	e1.75
1940	7-27	4.54	7-27	1.44	7-27	1.57	7-27	1.57	7-27	1.80	7-26	e2.24	7-26	e2.49
1941	6-9	4.67	6-8	1.36	6-8	1.67	6-8	2.40	6-8	2.46	6-8	2.55	6-2	3.05
1942	5-11	.59	5-11	.20	5-11	.21	5-10	.27	5-10	.31	5-10	.32	5-6	.44

Notes: e - Partially estimated. Quality of records; Fair. Records began January, 1934, ended May, 1942.

Notes: e - Partially estimated. Quality of records; Fair. Records began January, 1934, ended May, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Clarinda, Iowa				Watershed X			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	5-12	0.94	5-12	0.37	5-12	0.38	5-12	0.38	5-12	0.38	5-12	0.38	5-12	0.38	5-12	0.38	
1935	6-1	.19	6-1	.12	6-1	.16	5-31	.22	6-1	.30	6-1	.30	5-31	.53	5-31	.59	
1936	5-1	T	5-1	T	5-1	T	5-1	T	5-1	T	5-1	T	5-1	T	5-1	T	
1937	6-16	.50	6-15	.22	6-15	.23	6-15	.23	6-15	.23	6-15	.23	6-15	.23	6-13	.35	
1938		0		0		0		0		0		0		0		0	
1939	6-8	.41	3-11	e .30	3-11	e .45	3-11	e .80	3-11	e1.10	3-11	e1.35	3-11	e1.50	3-10	e1.65	
1940	7-27	3.08	7-27	.95	7-27	1.10	7-27	1.11	7-27	1.22	7-27	1.23	7-27	1.32	7-27	1.34	
1941	6-8	4.47	6-8	1.29	6-8	1.55	6-8	1.80	6-8	1.81	6-8	1.88	6-8	1.88	6-8	2.04	
1942	6-20	1.05	6-20	.36	6-25	.37	6-25	.38	6-25	.38	6-25	.38	6-25	.38	6-20	.74	
Notes: e - Partially estimated. Quality of records; Fair. Records began January, 1934, ended June, 1942.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Clarinda, Iowa				Watershed Y			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	5-12	1.15	5-12	0.32	5-12	0.34	8-21	0.38	8-21	0.38	8-21	0.38	8-21	0.38	8-21	0.38	
1934	5-12	.23	5-12	.09	5-12	.09	5-12	.09	5-12	.09	5-12	.09	5-12	.09	5-12	.09	
1935	6-3	.05	6-3	.03	5-31	e .04	5-31	e .04	5-31	e .04	5-31	e .05	5-31	e .07	5-31	e .11	
1936	5-9	e .10	5-9	e .03	5-9	e .03	5-1	.03	5-1	.03	5-8	.05	5-8	.05	5-1	e .06	
1937	5-6	3.46	5-6	.48	5-6	.49	5-20	.56	5-20	.56	5-20	.56	5-20	.56	5-20	.59	
1938	5-4	.05	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.02	5-4	.02	
1939	6-8	3.08	6-8	.56	6-8	.61	6-8	.62	6-8	.62	6-8	.62	6-8	.81	6-8	.86	
1940	7-27	2.44	7-27	.68	7-27	.73	7-27	.73	7-27	.73	7-27	.78	7-27	.79	7-27	.81	
1941	6-9	3.42	6-8	1.01	6-8	1.12	6-8	1.36	6-8	1.37	6-8	1.37	6-8	1.38	6-2	1.50	
1942	6-20	1.31	6-20	.42	6-20	.43	6-20	.43	6-20	.43	6-20	.43	6-20	.43	6-20	.63	

Notes: e - Partially estimated. Quality of records; Fair. Records began October, 1932, ended June, 1942.

Notes: e - Partially estimated. Quality of records; Fair. Records began October, 1932, ended June, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Clarinda, Iowa Watershed 2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1933	6-30	0.45	6-30	0.10	6-30	0.10	8-21	0.15	8-21	0.15	8-21	0.15	8-21	0.15	8-21	0.15			
1934	5-12	.01	5-12	.01	5-12	.01	5-12	.01	5-12	.01	5-12	.01	5-12	.01	5-12	.01			
1935	6-26	.10	6-26	.02	6-26	.02	6-26	.02	1-19	.03	1-19	.03	1-19	.03	1-19	.03			
1936	6-9	e .03	6-9	.01	6-9	.01	6-9	.01	6-9	.01	6-9	.01	6-9	.01	6-9	.01			
1937	5-6	.35	5-6	.08	5-6	.09	5-20	.09	5-6	.09	5-20	.09	3-2	e .15	3-1	e .19			
1938	8-20	e .02	8-20	.01	8-20	.01	8-20	.01	8-20	.01	8-20	.01	8-20	.01	8-20	.01			
1939	6-8	.39	6-8	.14	6-8	.17	6-8	.18	3-11	e .25	3-11	.30	3-10	e .40	3-10	.48			
1940	7-27	1.09	7-27	.45	7-27	.53	7-27	.61	7-27	.61	7-27	.61	7-27	.61	7-27	.61			
1941	6-9	1.12	6-9	.60	6-9	.75	6-8	.87	6-8	.88	6-8	.88	6-8	.88	6-8	.88			
1942	6-20	.01	6-20	.01	6-20	.02	6-20	.02	6-20	.02	6-20	.02	6-20	.02	6-20	.02			

Notes: e - Partially estimated. Quality of records; Fair. Records began October, 1932, ended June, 1942.

Notes: e - Partially estimated. Quality of records; Fair. Records began October, 1932, ended June, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				Iowa City, Iowa - Ralston Creek											
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	Date		Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days	
	Date	Date		Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date
*1924	12-4	0.02		0.04	12-4	0.09	12-4	0.12	12-4	0.14	12-4	0.16	12-4	0.16	12-4
1925	9-8	.13		.24	9-8	.39	9-8	.41	9-8	.41	9-8	.41	9-8	.41	9-8
1926	9-22	.18		.32	9-22	.54	9-22	.64	9-22	.70	9-22	.83	9-22	.83	9-19
1927	6-20	.41		.58	6-20	1.36	6-20	1.67	6-20	1.85	6-20	1.93	6-20	1.93	6-20
1928	8-23	.17		.29	8-23	.42	8-3	.51	11-16	.71	11-16	.78	11-16	.78	11-16
1929	8-2	.19		.33	8-2	.50	6-30	.58	6-30	.60	3-4	.88	3-4	.88	2-27
1930	6-14	.47		.70	6-14	1.25	6-14	1.40	6-14	1.46	6-14	1.52	6-14	1.52	6-14
1931	11-23	.17		.28	11-23	.43	11-23	.48	11-23	.54	11-23	.60	11-23	.60	11-17
1932	8-1	.61		.90	8-1	1.12	8-1	1.17	8-1	1.21	8-1	1.28	8-1	1.28	8-1
1933	6-29	.03		.05	6-29	.10	6-29	.13	6-29	.18	5-11	.26	5-11	.26	5-6
1934	7-12	.13		.21	7-12	.28	7-12	.29	7-12	.29	7-12	.29	7-12	.29	7-12
1935	6-26	.30		.45	6-26	.63	6-26	.65	6-26	.66	6-26	.72	6-26	.72	6-25
1936	9-1	.10		.17	9-1	.36	9-1	.41	9-1	.42	9-1	.42	9-1	.42	2-25
1937	2-20	.20		.29	2-20	.75	2-20	1.05	2-20	1.35	2-19	1.95	2-19	1.95	2-13
1938	7-6	.24		.40	7-6	.63	7-6	.80	1-24	1.03	1-22	1.10	1-22	1.10	1-21
1939	3-12	.16		.32	3-12	.79	3-11	1.05	3-11	1.30	3-11	1.45	3-11	1.45	3-3
1940	8-13	.07		.07	8-13	.17	3-3	.27	3-3	.39	3-2	.51	3-2	.51	3-2
1941	6-27	.64		.74	6-27	.88	6-27	.90	6-27	1.14	6-27	1.50	6-27	1.50	6-27
1942	9-8	.42		.40	9-8	1.07	9-8	1.10	9-8	1.12	9-8	1.13	9-8	1.13	9-6
1943	6-1	.49		.72	6-1	.90	6-1	.94	6-1	1.01	6-1	1.11	6-1	1.11	6-1
1944	1-27	.27		.36	1-27	.44	1-27	.46	1-27	.48	4-21	.61	4-21	.61	5-19
1945	6-10	.08		.10	6-9	.14	6-9	.16	5-14	.20	5-14	.27	5-14	.27	5-14
1946	8-2	.27		.42	1-5	.86	1-5	1.51	1-4	2.05	1-4	2.20	1-4	2.20	1-4
1947	6-30	.23		.39	6-30	.49	6-30	.52	6-30	.55	6-30	.59	6-30	.59	6-1
1948	7-21	.34		.56	7-21	.69	7-21	.70	7-21	.71	3-15	.89	3-15	.89	3-14

Notes: e - Partially estimated. * Records began Sept. 1924. Quality of records: Good except for those which are partially estimated and during periods of ice effect when they are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
Iowa City, Iowa - Ralston Creek																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1949	6-23	0.07	1-15	0.07	1-15	0.14	1-15	0.35	1-15	0.50	2-23	0.65	2-23	0.75	2-19	1.30
1950	7-1	.65	7-1	.54	7-1	.86	7-1	1.18	7-1	1.22	7-1	1.27	3-4	1.60	2-28	2.86
1951	7-8	.17	7-8	.16	7-8	.28	2-25	.57	2-25	.68	2-25	.76	2-18	.99	2-18	2.20
1952	11-17	.12	11-17	.11	11-17	.20	11-17	.30	3-10	.42	11-16	.64	3-10	.81	3-9	1.30
1953	2-19	.16	2-19	.16	2-19	.32	2-19	.78	2-19	1.19	2-19	1.34	2-19	1.38	2-19	1.47
1954	10-10	.07	10-10	.06	10-10	.10	10-10	.15	10-10	.17	10-10	.19	10-10	.20	10-5	.25
1955	4-23	.10	4-23	.09	2-19	.15	2-19	.43	2-19	.60	2-19	1.13	2-18	1.48	2-18	1.68
1956	7-18	.86	7-18	.65	7-18	.90	7-18	1.02	7-18	1.02	7-18	1.02	7-18	1.02	7-18	1.02
1957	1-21	.02	1-21	.02	1-21	.04	1-21	.07	1-21	.09	1-21	.10	1-21	.10	1-21	.10
Notes:																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Shenandoah, Iowa				Watershed No. 1 *				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1934	10-19	0.004	10-19	T	10-19	0.01	10-19	0.02	10-19	0.04	10-19	0.05	10-19	0.07	10-19	0.08		
1935	5-31	.015	5-31	.01	5-31	.03	6-1	.07	6-1	.11	6-1	.16	5-31	.28	5-28	.44		
1936	4-28	.034	4-28	.03	4-28	.06	4-28	.12	3-2	.17	3-2	.25	3-2	.45	2-25	1.19		
1937	5-21	.044	5-21	.04	5-21	.09	5-21	.25	5-20	.39	5-20	.46	3-2	.78	2-12	1.15		
1938	8-20	.032	8-20	.03	8-20	.05	8-20	.13	8-20	.18	8-20	.22	8-20	.26	8-20	.35		
1939	3-12	.077	3-12	.08	3-12	.15	8-12	.45	3-11	.86	3-11	1.13	3-10	1.40	3-7	1.94		
1940	4-29	.001	4-29	T	4-29	T	4-29	.01	4-29	.01	4-29	.02	3-17	.03	4-26	.06		

Notes: * Listed in U. S. Geological Survey, Water Supply Papers as Tarkio River at Blanchard, Iowa
e - Partially estimated. Quality of records: Fair. Records began June, 1934, ended June, 1940.

Notes: * Listed in U. S. Geological Survey, Water Supply Papers as Tarkio River at Blanchard, Iowa
e - Partially estimated. Quality of records; Fair. Records began June, 1934, ended June, 1940.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Shenandoah, Iowa				Watershed No. 2 *			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	10-19	0.02	10-19	0.02	10-19	0.03	10-19	0.08	10-19	0.12	10-19	0.14	10-19	0.17	10-19	0.18	
1935	6-17	.07	6-17	.06	6-26	.10	6-26	.20	6-17	.23	6-17	.27	5-31	.33	5-28	.53	
1936	4-28	.09	4-28	.08	4-28	.15	4-28	.24	4-28	.28	4-28	.29	3-2	e .34	2-26	e 1.11	
1937	7-29	.13	7-29	.13	7-29	.23	7-29	.32	7-29	.34	7-29	.35	3-2	e .58	2-12	e 1.21	
1938	6-11	.08	6-11	.07	6-10	.12	6-10	.23	6-10	.25	6-10	.26	6-10	.29	6-9	.39	
1939	3-11	.10	3-11	.10	3-11	.19	3-11	.48	3-11	.70	3-11	1.01	3-11	1.31	3-7	1.84	
1940	5-20	T	5-20	T	5-20	.01	5-20	.01	5-20	.01	4-28	.02	4-28	.03	4-2	.07	

Notes: (* Listed in U. S. Geological Survey, Water Supply Papers as West Tarkio Creek near Westboro, Missouri)
e - Partially estimated Quality of records; Fair. Records began June 1934, ended June 1940.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MAXIMUM VOLUME FOR SELECTED TIME INTERVAL										EAST LANSING, MICHIGAN				Watershed A			
YEAR	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		Date	Vol.	Date	Vol.	Date	Vol.					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.											
1941	6-22	6.71	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11	6-22	1.11					
1942	6-1	1.40	3-16	.39	3-16	.51	3-16	.93	3-8	1.19	3-8	1.40	3-7	1.70	3-4	1.70	3-4	1.70	3-4	1.70	3-4	3.11					
1943	5-30	.42	5-30	.15	3-10	.23	3-10	.46	3-10	.50	3-10	.50	3-10	.72	3-10	.72	3-10	.72	3-10	.72	3-10	1.02					
1944	2-26	.20	2-26	.21	2-26	.37	2-26	.75	2-26	1.08	2-26	1.12	2-26	1.12	2-22	1.12	2-22	1.12	2-22	1.12	2-22	1.64					
1945	2-21	.09	2-21	.12	2-21	.21	2-21	.41	2-21	.57	2-21	.64	2-21	.64	2-21	.64	2-21	.64	2-21	.64	2-21	.95					
1946	6-17	1.01	1-4	.23	1-4	.31	3-1	.46	3-1	.52	3-1	.82	3-1	1.13	3-1	1.13	3-1	1.13	3-1	1.13	3-1	1.99					
1947	5-13	6.11	9-11	.81	9-11	.81	4-4	1.32	4-4	1.75	4-4	1.82	4-3	1.87	3-31	1.87	3-31	1.87	3-31	1.87	3-31	3.30					
1948	3-19	.51	2-27	.36	2-27	.45	2-27	.57	2-17	.69	2-17	.88	2-17	1.04	2-17	1.04	2-17	1.04	2-17	1.04	2-17	1.75					
1949	2-14	.39	2-14	.27	2-14	.45	1-18	.93	1-18	1.10	2-12	1.36	2-12	1.50	2-12	1.50	2-12	1.50	2-12	1.50	2-12	2.34					
1950	8-28	1.26	3-5	.19	3-5	.27	2-28	.55	3-5	.93	3-5	1.24	3-5	1.44	2-28	1.44	2-28	1.44	2-28	1.44	2-28	2.76					
1951	7-27	.69	2-16	.18	2-16	.25	2-16	.40	2-16	.56	2-16	1.02	2-16	1.12	2-11	1.12	2-11	1.12	2-11	1.12	2-11	1.79					
1952	3-4	.08	3-18	.11	3-9	.14	3-9	.34	3-9	.59	3-9	.85	3-9	.97	3-4	.97	3-4	.97	3-4	.97	3-4	1.52					
1953	8-4	.30	3-3	.26	3-3	.41	3-3	.63	3-3	.70	3-3	.71	3-3	.71	3-3	.71	3-3	.71	3-3	.71	3-3	.71					
1954	3-25	1.49	2-14	.42	2-14	.70	2-14	1.41	2-14	1.88	2-14	2.08	2-14	2.94	2-14	2.94	2-14	2.94	2-14	2.94	2-14	2.97					
1955	3-3	.53	3-3	.60	3-3	1.00	3-3	1.35	3-3	1.36	3-3	1.36	3-3	1.36	3-3	1.36	3-3	1.36	3-3	1.36	3-3	1.71					
1956	5-12	2.28	5-12	.48	5-12	.48	2-24	.96	2-24	1.21	2-24	1.42	2-24	1.50	2-24	1.50	2-24	1.50	2-24	1.50	2-24	2.91					

Notes: Quality of records: excellent. Record began Jan. 21, 1941.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				EAST LANSING, MICHIGAN										Watershed B				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1941	6-13	7.80	6-22	.82	6-22	.82	6-22	.82	6-22	.82	6-22	.82	6-22	.82	6-22	.82		
1942	6-1	1.93	6-20	.46	3-16	.54	3-16	.90	3-8	1.08	3-16	1.49	3-16	1.53	3-4	3.65		
1943	5-30	.79	5-30	.17	3-10	.29	3-10	.52	3-10	.60	2-19	.67	3-10	.74	3-10	1.18		
1944	2-26	.22	2-26	.23	2-26	.40	2-26	.81	2-26	1.18	2-26	1.24	2-26	1.24	2-22	1.83		
1945	8-29	.08	2-21	.10	2-21	.15	2-21	.29	2-21	.40	12-29	.47	12-29	.51	2-21	.93		
1946	1-4	.28	1-4	.24	1-4	.36	3-1	.54	3-1	.58	3-1	.92	3-1	1.28	3-1	2.32		
1947	9-11	3.69	9-11	.73	9-11	.73	9-11	.85	9-11	.86	4-1	.93	3-31	1.06	3-31	1.61		
1948	6-28	2.60	3-19	.55	3-19	.82	3-19	1.54	3-19	2.09	3-18	2.11	3-18	2.11	3-14	2.88		
1949	6-29	1.51	6-29	.32	1-18	.49	1-18	1.08	1-18	1.41	2-12	1.49	2-12	1.54	2-8	2.44		
1950	8-29	.27	2-28	.20	2-28	.30	2-28	.50	2-14	.71	2-14	.81	2-14	.83	2-28	1.36		
1951	2-18	.21	2-18	.13	2-18	.19	2-18	.32	2-18	.39	2-18	.80	2-18	.86	2-11	1.56		
1952	3-3	.08	3-9	.09	3-9	.14	3-3	.22	3-9	.40	3-9	.51	3-9	.53	3-3	.90		
1953	8-1	1.77	8-1	.26	3-3	.34	3-3	.53	3-3	.55	3-3	.55	3-3	.55	3-3	.55		
1954	3-25	.77	3-25	.39	3-25	.40	3-25	.40	3-25	.40	3-25	.40	3-25	.40	3-25	.40		
1955	3-3	.57	3-3	.48	3-3	.67	3-3	.76	3-3	.76	3-3	.76	3-3	.76	2-26	1.03		
1956	3-6	.63	3-2	1.38	3-2	1.41	3-2	2.25	3-2	2.37	3-1	2.66	3-1	3.06	3-1	4.42		
Notes:			Quality of records: excellent. Record began March 26, 1941.															

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				EAST LANSING, MICHIGAN				Watershed W								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1941 a	3-3	.003	3-3	.002	3-3	.003	3-3	.004	3-3	.004	3-3	.004	3-3	.004	3-3	.004
1942	3-16	.07	3-16	.08	3-16	.13	3-16	.26	3-16	.42	3-16	.60	3-16	.85	3-16	.65
1943	6-2	.44	6-2	.38	6-2	.57	6-2	.98	6-2	1.14	6-2	1.17	6-2	1.17	6-2	1.17
1944	5-21	.24	5-21	.22	5-21	.35	5-21	.52	5-21	.57	5-21	.58	5-21	.58	5-21	.58
1945	5-14	.02	5-14	.02	5-14	.04	5-14	.06	5-14	.08	5-14	.08	5-14	.08	5-14	.08
1946	3-5	.01	3-5	.02	3-5	.03	3-5	.05	3-5	.07	3-5	.07	3-5	.07	3-5	.07
1947	4-5	.10	4-5	.11	4-5	.20	4-5	.43	4-5	.62	4-5	.73	4-5	.74	4-5	.74
1948	3-19	.21	3-19	.25	3-19	.35	3-19	.62	3-19	.76	3-19	.83	3-19	.88	3-19	.88
1949	1-18	.003	1-18	.003	1-18	.01	1-18	.01	1-18	.01	1-18	.01	1-18	.01	1-18	.01
1950	2-28	.02	2-28	.10	2-28	.11	2-28	.17	2-28	.17	2-28	.17	2-28	.17	2-28	.17
1951	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T
1952	4-12	.01	4-12	.01	4-12	.02	4-12	.03	4-12	.03	4-12	.04	4-12	.05	4-12	.05
1953	1-19	b														
1954	3-25	.04	3-25	.08	3-25	.08	3-25	.12	3-25	.14	3-25	.14	3-25	.14	3-25	.14
1955	3-3	.02	3-3	.04	3-3	.04	3-3	.07	3-3	.09	3-3	.10	3-3	.10	3-3	.10
1956	5-13	.05	4-28	.05	4-28	.07	4-28	.17	4-28	.24	4-28	.26	4-27	.31	5-6	.46

Notes· Quality of records: excellent except for 1953. Record began Feb. 13, 1941. b - Total runoff for 1953 was 0.02 inches, all in January.

Notes. Quality of records; excellent except for 1953.
for 1953 was 0.02 inches, all in January.

Record began Feb. 13, 1941. b - Total runoff

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI Watershed Pa-A										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1934	9-13	1.59	9-13	.59	9-13	.64	4-3	.72	4-3	.76	11-19	.88	11-19	.89	11-19	1.53				
1935	6-17	1.22	6-17	.95	6-17	1.25	6-17	1.38	6-17	1.38	6-17	1.40	6-17	1.40	6-17	1.41				
1936	*		*		*		*		*		*		*		*	.64				
1937	*		*		*		*		*		*		*		*	2-11 1.40				
1938	8-20	.74	5-18	.02	5-18	.02	5-18	.02	5-18	.02	5-18	.02	5-18	.02	5-18	.02				
1939	6-21	1.66	6-21	.73	6-21	.79	6-21	.82	6-21	.85	6-21	.85	6-21	.85	6-19	.86				
1940	6-23	.31	6-23	.19	6-23	.22	6-23	.23	6-23	.23	6-23	.23	6-23	.23	6-23	.24				
1941	6-9	.76	6-9	.28	6-9	.45	6-9	.68	6-9	.68	6-9	1.01	6-8	1.03	6-1	1.26				
1942	3-25	.17	3-25	.28	3-25	.36	3-25	.52	3-25	.62	3-25	.63	3-25	.63	3-25	.63				

Notes: * Intermittent freezing and thawing - unable to estimate runoff for time interval.
e Partially estimated. Quality of records: Good, except for winter months, which is fair.

Notes: * Intermittent freezing and thawing - unable to estimate runoff for time interval.
 e Partially estimated. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI Watershed Pa-B									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1932	6-2	.21	6-2	.10	6-2	.12	6-2	.14	6-2	.21	6-2	.39	6-2	.42	6-2	.42			
1933	9-26	1.22	9-26	.58	9-26	.65	9-26	1.10	9-26	1.28	9-26	1.31	9-26	1.31	9-26	1.31			
1934	4-3	2.52	4-3	.87	4-3	1.02	4-3	1.15	4-3	1.23	4-3	1.27	4-3	1.27	4-3	1.27			
1935	6-17	1.75	6-17	1.08	6-17	1.47	6-17	1.54	6-17	1.54	6-17	1.54	6-16	1.58	6-16	1.61			
1936	*		*		*		*		*		*		*		2-24	.84			
1937	*		*		*		*		*		*		*		3-1	1.40			
1938	5-18	T	5-18	.01	5-18	.01	5-18	.01	5-18	.01	5-18	.01	5-18	.01	5-18	.01			
1939	6-21	.73	6-21	.34	6-21	.36	6-21	.40	6-21	.41	6-21	.41	6-21	.41	6-19	.44			
1940	6-23	.18	6-23	.09	6-23	.10	6-23	.10	6-23	.10	6-23	.10	6-23	.10	3-6	.22			
1941	6-9	1.56	6-9	.60	6-9	.79	6-9	.98	6-9	1.01	6-9	1.40	6-8	1.43	6-2	1.71			
1942	6-20	.56	6-20	.17	3-25	.26	3-25	.46	3-25	.62	2-15	.72	2-15	.72	2-14	.72			

Notes: * Intermittent freezing and thawing - unable to estimate runoff for time interval.
e Partially estimated. Quality of records: Good, except for winter months, which is fair.

Notes: * Intermittent freezing and thawing - unable to estimate runoff for time interval.
 e Partially estimated. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI						Watershed Pa-C					
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1937	7-14	.11	7-14	.07	7-14	.09	7-14	.10	7-14	.10	7-14	.10	7-14	.10	7-14	.10					
1938	5-31	.10	5-31	.10	5-31	.11	5-31	.11	5-31	.11	5-31	.11	5-31	.11	5-31	.11					
1939	6-21	1.36	6-21	.14	6-21	.49	6-21	.55	6-21	.60	6-21	.60	6-19	.69	6-19	.72					
1940	6-23	.17	6-23	.10	6-23	.10	6-23	.13	6-23	.13	6-23	.13	6-23	.13	3-6	.18					
1941	6-9	.40	6-9	.34	6-9	.62	6-9	1.03	6-9	1.17	6-9	1.83	6-8	1.87	6-2	2.03					
1942	6-20	.29	3-25	.23	3-25	.37	3-25	.69	3-25	.96	3-25	1.01	3-25	1.01	3-25	1.01					

Notes: p - Station established April 1, 1937.
e - Partially estimated. Quality of records: Good, except for winter months, which is fair.

Notes: p - Station established April 1, 1937.

e - Partially estimated. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI Watershed D-1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1934	9-13	2.38	9-13	.69	9-13	.72	11-19	.99	11-19	1.44	11-19	1.66	11-19	1.70	11-17	3.37				
1935	5-1	3.18	6-17	.95	6-17	1.61	6-17	1.63	6-17	1.63	6-17	1.63	6-17	1.67	5-17	1.68				
1936	*		*		*		*		*		*		*		2-24	1.58				
1937	*		*		*		*		*		*		*		3-1	1.40				
1938	5-4	1.24	5-4	.21	5-4	.21	8-20	.29	8-20	.29	8-20	.29	8-20	.29	8-20	.31				
1939	6-21	3.18	6-21	1.60	6-21	1.67	6-21	1.73	6-21	2.00	6-21	2.02	6-21	2.03	6-18	2.18				
1940	6-23	1.43	6-23	.67	6-23	.72	6-23	.72	6-23	.72	6-23	.72	6-23	.72	6-6	1.02				
1941	6-9	2.77	6-9	.83	6-9	1.06	6-9	1.30	6-9	1.32	6-8	1.89	6-8	1.89	6-2	2.29				
1942	5-9	.77	3-25	.27	3-25	.34	3-25	.64	3-25	.98	3-25	1.00	3-25	1.00	3-25	1.00				

Notes: p - Station established July 1, 1934. e - Partially estimated. * - Intermittent freezing and thawing - unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

Notes: p - Station established July 1, 1934. e - Partially estimated. * - Intermittent freezing and thawing - unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI Watershed D-2										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1934	9-13	2.20	9-13	.97	9-13	.98	9-13	1.00	11-19	1.24	11-19	1.49	11-19	1.49	11-19	1.49	11-19	2.78		
1935	6-17	1.48	6-17	.93	6-17	1.44	6-17	1.49	6-17	1.49	6-17	1.50	6-17	1.50	6-17	1.50	6-17	1.51		
1936	*		*		*		*		*		*		*		*		2-24	1.08		
1937	*		*		*		*		*		*		*		*		2-11	1.10		
1938	8-20	.16	8-20	.12	8-20	.14	8-20	.31	8-20	.36	8-20	.44	8-20	.44	8-20	.44	8-20	.46		
1939	6-21	2.37	6-21	1.36	6-21	1.51	6-21	1.56	6-21	1.85	6-21	1.87	6-21	1.87	6-21	1.87	6-21	2.10		
1940	6-23	.53	6-23	.39	6-23	.51	6-23	.59	6-23	.59	6-23	.59	6-23	.59	6-23	.59	3-6	.95		
1941	6-9	2.07	6-9	.81	6-9	1.01	6-9	1.19	6-9	1.22	6-9	1.66	6-9	1.66	6-8	1.75	6-2	2.27		
1942	5-9	.28	3-25	.24	3-25	.33	3-25	.65	3-25	.79	3-25	.81	2-14	.92	2-14	.92	2-14	.92		

Notes: p - Station established July 1, 1934. e - Partially estimated. * - Intermittent freezing and thawing - unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

Notes: p - Station established July 1, 1934. e - Partially estimated. * - Intermittent freezing and thawing - unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BETHANY, MISSOURI Watershed D-3						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1932	7-4	e .02	7-4	e .02	7-4	e .04	7-4	e .10	7-4	e .13	7-14	e .13	7-4	.15	7-4	.15
1933	5-21	2.94	8-21	.87	8-21	1.21	8-21	1.32	9-26	1.90	9-26	1.90	9-26	1.90	9-26	1.90
1934	9-13	2.48	9-13	.97	9-13	.99	9-13	.99	9-13	.99	11-19	1.04	11-19	1.04	11-19	1.92
1935	5-1	4.63	6-17	1.00	6-17	1.42	6-17	1.43	6-17	1.43	6-17	1.43	6-17	1.49	6-17	1.51
1936	*		*	*	*	*	*	*	*	*	*	*	*	*	2-24	1.41
1937	*		*	*	*	*	*	*	*	*	*	*	*	*	3-1	e 1.00
1938	8-20	2.06	8-20	.25	8-20	.35	8-20	.49	8-20	.49	8-20	.49	8-20	.50	8-20	.50
1939	6-21	3.36	6-21	1.71	6-21	1.73	6-21	1.80	6-21	2.18	6-20	2.21	6-20	2.21	6-18	2.93
1940	6-23	1.53	6-23	.76	6-23	.83	6-23	.83	6-23	.83	6-23	.83	6-23	.83	6-23	.97
1941	6-9	3.52	6-9	.68	6-9	.88	6-9	1.05	6-9	1.12	6-9	1.49	6-9	1.63	6-2	2.28
1942	5-9	2.72	5-9	.28	5-9	.28	3-25	.51	3-25	.74	3-25	.74	3-25	.74	2-14	.86

Notes: p - Station established July 1, 1932. e - Estimated or partially estimated. * - Intermittent freezing and thawing unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

Notes: p - Station established July 1, 1932. e - Estimated or partially estimated. * - Intermittent freezing and thawing unable to estimate runoff for time interval. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				BETHANY, MISSOURI Watershed I-58												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1933	5-21	2.95	9-26	.83	9-26	1.19	9-26	1.76	9-26	1.95	9-26	1.96	9-26	1.96	9-26	1.96
1934	4-3	3.79	4-3	1.40	4-3	1.57	4-3	1.71	4-3	1.75	4-3	1.75	4-3	1.75	11-17	1.80
1935	5-1	3.51	6-17	.84	6-17	1.44	6-17	1.46	6-17	1.46	6-17	1.46	6-16	1.75	6-16	1.75
1936	*		*		*		*		*		*		*		2-24	.84
1937	*		*		*		*		*		*		*		3-1	1.30
1938	8-20	2.34	8-20	.26	8-20	.39	8-20	.54	8-20	.54	8-20	.54	8-20	.54	8-20	.65
1939	6-21	3.98	6-21	1.59	6-21	1.60	6-21	1.62	6-21	1.85	6-21	1.85	6-21	1.85	6-19	2.07
1940	6-23	1.05	No Record		No Record		6-23	.44	6-23	.44	6-23	.44	6-23	.44	6-23	.45
1941	6-9	.70	6-9	.28	6-9	.35	10-31	.76	10-31	1.07	10-31	1.11	10-31	1.11	10-26	1.18
1942	5-9	2.20	5-9	.28	5-9	.28	5-9	.28	*		*		2-14	.60	2-14	.60

Notes: * - Intermittent freezing and thawing - unable to estimate runoff for time interval.
e - Partially estimated - snow melt. Quality of records: Good, except for winter months, which is fair.

Notes: * - Intermittent freezing and thawing - unable to estimate runoff for time interval.

e - Partially estimated - snow melt. Quality of records: Good, except for winter months, which is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				McCredie, Missouri, Station Reservoir Watershed													
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1941	10-4	2.01	10-4	1.20	10-4	2.04	10-4	3.97	10-4	6.94	10-4	7.67	10-3	7.90	10-2	8.55	
1942	6-26	.94	6-26	.70	6-26	1.10	6-26	2.02	12-26	2.75	12-26	2.96	12-26	3.48	12-26	3.93	
1943	5-17	.72	6-8	.52	5-17	.77	5-7	1.12	5-17	2.07	5-17	3.35	5-16	3.56	5-15	4.70	
1944	4-10	.47	4-10	.44	4-10	.73	4-10	1.10	4-10	1.32	4-10	1.52	4-10	1.65	4-22	1.88	
1945	6-7	1.18	6-7	.78	6-7	1.17	6-7	2.09	6-7	2.26	9-21	2.35	9-21	3.17	9-21	5.55	
1946	1-9	.48	1-9	.43	1-9	.61	1-8	.81	5-9	.99	5-10	1.51	11-1	1.81	10-31	2.72	
1947	4-24	.28	4-24	.26	4-24	.47	4-24	1.06	4-24	1.61	4-24	1.81	4-23	2.30	4-20	2.66	
1948	3-21	.59	3-21	.49	3-21	.73	3-21	1.01	3-21	1.12	11-1	1.18	3-21	1.75	3-21	1.84	
1949	3-30	.70	3-26	.48	3-26	.69	3-30	1.21	3-30	1.31	3-26	1.36	3-25	1.38	3-25	2.75	
1950	1-13	.14	1-13	.13	1-13	.25	1-13	.55	1-13	.66	1-13	.69	1-2	.86	3-15	.94	
1951	3-17	.52	3-17	.42	3-17	.69	3-17	1.01	3-17	1.06	3-16	1.22	3-15	1.27	3-10	1.95	
1952	3-31	.31	3-31	.27	3-31	.43	3-31	.61	3-31	.67	3-18	.75	3-18	.82	3-31	1.44	
1953	5-22	.19	5-22	.15	5-22	.20	5-4	.31	5-4	.38	5-4	.41	3-3	.45	3-1	.60	
1954	10-14	.10	10-14	.06	10-14	.08	10-14	.08	10-14	.08	10-11	.09	10-10	.12	10-10	.21	
1955	1-5	.16	1-5	.12	1-5	.18	1-5	.25	1-5	.31	1-4	.60	1-4	.67	2-19	.78	
1956	7-15	.48	7-15	.33	7-15	.47	7-14	.73	7-14	.78	7-14	.78	7-14	.78	7-8	.87	
1957	6-30	1.09	6-29	.74	6-29	.96	6-29	1.46	6-29	1.68	6-29	1.69	6-29	1.69	6-29	1.69	

Notes: e - Partially estimated. Quality of records - Very Good. Records began Apr. 1, 1941

Notes: e - Partially estimated. Quality of records - Very Good. Records began Apr. 1, 1941

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										McCredie, Missouri, Southwest Pond, No. 2 Watershed									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1951	3-17	0.45	3-17	0.40	3-17	0.64	3-17	0.91	3-16	0.98	3-16	1.02	3-16	1.08	3-10	1.38			
1952	3-31	.27	3-31	.24	3-31	.24	3-31	.55	3-31	.57	3-31	.59	2-3	.60	3-31	1.05			
1953	5-22	.22	5-22	.15	5-22	.23	5-4	.32	5-4	.38	5-4	.40	5-4	.40	3-3	.57			
1954	10-14	.02	10-14	.02	10-14	.03	10-14	.05	10-14	.06	10-14	.06	10-14	.06	10-9	.09			
1955	4-23	.15	1-4	.12	1-4	.21	1-4	.32	1-4	.34	2-18	.62	2-18	.67	2-18	.86			
1956	7-3	.56	7-3	.35	7-3	.43	7-15	e .73	7-15	e .76	7-15	e .76	7-15	e .76	7-13	e .82			
1957	6-29	1.46	6-29	.59	6-29	.77	6-29	1.23	6-29	1.44	6-29	1.44	6-29	1.44	6-29	1.44			
Notes: e - Partially estimated. Quality of records - fair, spillway discharge sometimes affected by weeds or trash near the inlet.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO		Watershed 102				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1937	6-21	1.07	6-21	0.32	6-21	0.34	6-21	0.34	6-21	0.34	6-21	0.35	6-21	0.35	6-14	0.39
1938	8-4	.14	8-4	.02	8-4	.02	8-4	.02	8-4	.02	8-4	.02	8-4	.02	7-31	.04
1939	7-8	.45	7-8	.13	7-8	.13	7-8	.18	7-8	.18	7-8	.18	7-8	.18	7-8	.18
1940	8-27	.88	8-27	.23	8-27	.23	8-27	.23	8-27	.24	8-27	.24	8-27	.24	8-27	.25
1941	5-22	.46	5-22	.15	5-22	.15	5-22	.15	7-7	.19	7-7	.19	7-7	.19	7-7	.19
1942		0		0		0		0		0		0		0		0
1943	5-30	.03	5-30	.01	5-30	.01	5-30	.01	5-30	.01	5-30	.01	5-30	.01	5-30	.01
1944	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T
1945	9-23	.58	9-23	.14	9-23	.19	9-23	.21	9-23	.21	9-23	.21	9-23	.21	3-20	.50
1946	6-16	.75	6-16	.29	6-16	.30	6-16	.30	6-16	.30	6-16	.30	6-16	.30	6-16	.30
Notes: p - Station not in operation January through March 19. Quality of records: good.																

0-57

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO Watershed 104													
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1937	6-21	e 1.07	6-21	e0.32	6-21	e 0.34	6-21	e 0.34	6-21	e 0.34	6-21	e 0.35	6-21	e0.35	6-14	e0.38	
1938	8-4	.10	8-4	.02	8-4	.02	8-4	.02	8-4	.02	8-4	.02	8-4	.02	8-4	.02	
1939	10-26	.58	10-26	.11	10-26	.11	10-26	.11	7-8	.12	7-8	.12	7-8	.12	7-8	.12	
1940	6-28	.91	6-28	.23	6-28	.24	6-28	.37	6-28	.37	6-28	.37	6-28	.37	6-28	.37	
1941	5-22	.55	5-22	.18	5-22	.19	5-22	.20	5-22	.20	5-22	.20	5-22	.20	5-17	.20	
1942	7-10	T	7-10	T	7-10	T	7-10	T	7-10	T	7-10	T	7-10	T	7-10	T	
1943		0		0		0		0		0		0		0		0	
1944	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	7-12	T	
1945	9-23	.18	9-23	.06	9-23	.07	9-23	.09	9-23	.09	9-23	.09	9-23	.09	3-20	.24	
1946	6-16	1.84	6-16	.75	6-16	.76	6-16	.76	6-16	.76	6-16	.76	6-16	.76	6-16	.76	

Notes:

e - Partially estimated. Quality of records: good.

n - Station not in operation January through March 28.

Notes:

e - Partially estimated. Quality of records: good.

p - Station not in operation January through March 28.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO Watershed 129									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1938	8-4	0.58	8-4	0.15	8-4	0.16	8-4	0.16	8-4	0.16	8-4	0.16	8-4	0.16	5-14	0.26			
1939	7-8	.58	7-8	.20	7-8	.21	7-8	.32	7-8	.33	7-8	.33	7-8	.33	7-8	.33			
1940	6-28	1.12	6-28	.33	6-28	.42	6-28	.42	6-28	.42	6-28	.42	6-28	.42	6-23	.43			
1941	7-7	.72	7-7	.26	7-7	.27	7-7	.35	7-7	.46	7-7	.46	7-7	.46	7-1	.49			
1942	6-20	.12	6-20	.02	6-14	.02	6-14	.03	6-14	.03	6-14	.03	6-14	.03	6-14	.05			
1943	5-31	.20	5-30	.08	5-30	.12	5-30	.14	5-30	.14	5-3	.22	5-30	.22	5-30	.22			
1944	8-23	.54	8-23	.08	8-23	.08	8-23	.08	8-23	.08	8-23	.08	8-23	.08	8-23	.08			
1945	9-23	.53	9-23	.15	9-23	.20	9-23	.25	9-23	.25	9-23	.25	9-23	.25	9-20	.25			
1946	6-16	.71	6-16	.34	6-16	.34	6-16	.34	6-16	.34	6-16	.34	6-16	.34	6-16	.34			
1947	6-6	1.95	6-6	.39	6-6	.39	6-6	.39	6-6	.39	6-6	.44	6-6	.44	6-2	.46			
1948	2-13	.42	2-13	.35	2-13	.53	2-13	.89	2-13	1.02	2-13	1.02	2-13	1.02	2-13	1.02			
1949	7-6	.34	7-6	.07	7-6	.07	7-6	.07	7-6	.07	7-6	.07	7-6	.07	7-6	.08			
1950	9-1	1.93	9-1	.89	9-1	1.01	9-1	1.01	9-1	1.01	9-1	1.01	9-1	1.01	9-1	1.01			
1951	7-11	.07	1-14	.03	1-14	.05	1-14	.09	1-14	.10	1-14	.10	1-14	.10	1-14	.10			
1952	1-26	.19	1-26	.12	1-26	.19	1-26	.33	1-26	.51	1-26	.55	1-26	.55	1-20	.58			
1953	5-7	.01	5-7	T	5-7	T	5-7	T	5-7	T	5-7	T	5-7	T	5-7	T			
1954	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T			
1955	2-6	.07	2-6	.07	2-6	.13	2-6	.30	2-6	.42	2-6	.44	2-6	.44	2-6	.69			
1956	6-25	2.08	6-25	.37	6-25	.37	6-24	.38	6-24	.44	6-24	.44	6-24	.47	6-21	.51			

Notes: Quality of records: good.
p - Station not in operation January through March 25.

Notes:

Quality of records: good.

p - Station not in operation January through March 25.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 135												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1938	8-4	0.15	8-4	0.03	8-4	0.04	8-4	0.04	8-4	0.04	8-4	0.04	8-4	0.04	8-1	0.04
1939	7-8	.33	7-8	.11	7-8	.11	7-8	.11	7-8	.14	7-8	.14	7-8	.14	7-8	.14
1940	7-23	1.28	8-27	.33	8-27	.33	8-27	.33	8-27	.36	8-27	.36	8-27	.36	8-27	.39
1941	7-7	.56	7-7	.15	5-22	.16	5-22	.16	7-7	.28	7-7	.28	7-7	.28	7-1	.28
1942	6-20	.11	6-20	.02	6-20	.02	6-20	.02	6-20	.02	6-20	.02	6-20	.02	7-14	.04
1943	5-31	.12	5-31	.04	5-30	.07	5-30	.07	5-30	.11	5-30	.11	5-30	.11	5-30	.11
1944	8-23	.17	8-23	.02	8-23	.02	8-23	.02	8-23	.02	8-23	.02	8-23	.02	8-23	.02
1945	9-23	.68	9-23	.17	9-23	.24	9-23	.28	9-23	.28	9-23	.28	9-23	.28	9-23	.28
1946	6-16	1.43	6-16	.56	6-16	.57	6-16	.57	6-16	.57	6-16	.57	6-16	.57	6-12	.59
1947	6-6	.73	6-6	.18	6-6	.18	6-6	.19	6-6	.19	6-6	.19	6-6	.19	6-6	.19
1948	2-13	.20	2-13	.17	2-13	.30	2-13	.46	2-13	.51	2-13	.51	2-13	.51	2-13	.51
1949	8-31	.34	8-31	.06	8-31	.06	8-31	.06	8-31	.06	8-31	.06	8-31	.06	8-31	.06
1950	9-1	1.47	9-1	.74	9-1	.94	9-1	.95	9-1	.95	9-1	.95	9-1	.95	9-1	.95
1951	7-11	.05	2-11	.02	2-11	.04	2-11	.12	2-11	.24	2-11	.24	2-11	.27	2-7	.27
1952	1-26	.15	1-26	.07	1-26	.09	1-26	.12	1-26	.16	1-26	.16	1-26	.16	1-26	.16
1953		0		0		0	0	0	0	0	0	0	0	0		0
1954		0		0		0	0	0	0	0	0	0	0	0		0
1955	2-9	.07	2-9	.07	2-6	.11	2-6	.23	2-6	.33	2-6	.33	2-6	.40	2-6	.60
1956	6-25	.78	6-24	.15	6-24	.15	6-24	.15	6-24	.16	6-24	.16	1-29	.19	1-29	.19
Notes: Quality of records: good. p - Station not in operation January through March 26.																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO Watershed 130											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	8-4	0.85	8-4	0.22	8-4	0.24	8-4	0.24	8-4	0.24	8-4	0.24	8-1	0.29	
1939	7-8	.71	7-8	.27	7-8	.27	7-8	.50	7-8	.51	7-8	.51	7-8	.51	
1940	6-28	1.03	6-28	.34	6-28	.58	6-28	.60	6-28	.60	6-28	.60	6-23	.60	
1941	5-22	.53	5-22	.21	5-22	.23	5-22	.23	7-6	.27	7-7	.27	7-1	.28	
1942	3-16	.09	3-16	.06	3-16	.08	3-16	.09	3-16	.09	3-16	.09	3-16	.09	
1943	5-30	.21	5-30	.11	5-30	.14	5-30	.20	5-30	.20	5-30	.20	5-30	.20	
1944	2-17	.05	2-17	.04	2-17	.07	2-17	.14	2-17	.15	2-17	.15	2-17	.18	
1945	9-23	.85	9-23	.29	9-23	.41	9-23	.48	9-23	.48	9-23	.48	9-23	.48	
1946	6-16	1.45	6-16	.67	6-16	.68	6-16	.69	6-16	.69	6-16	.69	6-16	.69	
1947	8-16	.33	8-16	.06	8-16	.06	8-16	.06	5-25	.06	5-25	.06	5-21	.09	
1948	2-13	.24	2-13	.22	2-13	.41	2-13	.87	2-13	.96	2-13	.96	2-13	.96	
1949	1-27	.01	1-27	T	1-27	T	1-27	.01	1-27	.01	1-27	.01	1-27	.01	
1950	9-1	2.47	9-1	.97	9-1	1.02	9-1	1.02	9-1	1.02	9-1	1.02	9-1	1.02	
1951	1-14	.02	1-14	.02	1-14	.03	1-14	.04	1-14	.07	1-14	.08	1-14	.08	
1952	1-26	.25	1-26	.13	1-26	.18	1-26	.28	1-26	.39	1-26	.39	1-26	.39	
1953	5-7	.04	5-7	.01	5-7	.02	5-7	.02	5-7	.02	5-7	.02	5-7	.02	
1954	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	1-20	T	
1955	3-4	.12	3-4	.07	3-4	.09	3-4	.12	3-4	.12	3-4	.12	3-1	.12	
1956	6-25	1.18	7-27	.23	2-26	.24	2-2	.35	2-6	.13	2-6	.13	1-30	.99	

Notes:

e - Partially estimated. Quality of records: good.

p - Station not in operation January through April 19.

Notes: e - Partially estimated. Quality of records: good.

p - Station not in operation January through April 19.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO Watershed 107											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
p 1938	6-28	0.03	11-18	0.01	11-18	0.01	11-18	0.02	11-18	0.03	11-18	0.03	11-18	0.03	
1939	4-17	.24	4-17	.15	4-17	.20	4-17	.46	4-17	.47	4-17	.53	4-11	.64	
1940	6-18	.75	6-18	.26	4-19	.35	4-19	.61	4-19	.69	4-19	1.04	4-15	1.06	
1941	7-7	.81	7-7	.48	7-7	.52	7-7	.56	7-7	.56	7-7	.56	5-16	.69	
1942	3-13	.14	3-13	.11	3-13	.17	3-13	.21	5-15	.25	12-29	.45	12-26	.49	
1943	5-31	.72	5-30	.34	5-30	.52	5-30	.56	5-30	.56	5-30	.85	5-25	.88	
1944	4-7	.18	4-7	.15	4-7	.22	3-6	.34	3-6	.50	3-6	.53	3-4	.58	
1945	9-23	1.31	9-23	.53	9-23	.84	9-23	.96	9-23	.97	3-6	.98	3-1	1.38	
p 1946	2-26	.13	2-26	.12	2-26	.21	2-26	.35	2-26	.38	2-26	.38	2-26	.38	

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through June 19, 1938 and March 29 through December 1946.

Notes:

e - Partially estimated. Quality of records: good.

p - Station not in operation January through June 19, 1938 and March 29 through December 1946.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 131											
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	Date		Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days	
	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	8-4	8-4	T	8-4	T	8-4	T	8-4	T	8-4	T	8-4	T	8-4	T
1939	7-8	7-8	0.08	7-8	0.04	7-8	0.05	7-8	0.05	7-8	0.06	7-8	0.06	7-8	0.06
1940	6-28	6-28	0.09	6-28	0.05	4-19	0.07	4-19	0.10	4-19	0.12	4-19	0.12	4-19	0.12
1941	5-22	5-22	0.14	5-22	0.07	5-22	0.09	5-22	0.09	5-22	0.09	5-22	0.09	5-17	0.17
1942	3-16	3-16	0.02	3-16	0.01	3-16	0.02	3-16	0.02	3-16	0.02	3-16	0.02	3-16	0.02
1943	5-30	5-30	0.05	5-30	0.04	5-30	0.06	5-30	0.07	5-30	0.07	5-30	0.08	5-30	0.08
1944	4-8	4-8	0.03	4-8	0.02	4-8	0.03	4-8	0.05	3-6	0.06	3-6	0.06	3-6	0.06
1945	9-23	9-23	0.10	9-23	0.05	9-23	0.06	9-23	0.11	3-6	0.21	3-6	0.24	3-2	0.27
1946	6-16	6-16	0.18	6-16	0.08	6-16	0.09	6-16	0.09	6-16	0.09	6-16	0.09	6-16	0.09
1947	8-16	1-30	0.02	1-30	0.01	1-30	0.01	1-30	0.01	1-30	0.01	1-30	0.01	1-30	0.01
1948	2-13	2-13	0.06	2-13	0.05	2-13	0.09	2-13	0.15	2-13	0.17	2-13	0.17	2-13	0.17
1949	7-21	7-21	0.02	7-21	T	7-21	T	7-21	T	7-21	T	7-20	0.01	7-20	0.01
1950	9-1	9-1	0.26	9-1	0.14	9-1	0.15	9-1	0.15	9-1	0.15	9-1	0.15	9-1	0.15
1951	1-14	1-14	0.03	1-14	0.03	1-14	0.05	1-14	0.08	1-14	0.11	1-14	0.11	1-14	0.11
1952	1-26	1-26	0.04	1-26	0.04	1-26	0.07	1-26	0.13	1-26	0.22	1-26	0.22	1-26	0.22
1953	5-7	5-7	0.02	5-7	0.01	5-7	0.01	5-7	0.01	5-7	0.01	5-7	0.01	5-7	0.01
1954	3-4	3-4	0.01	3-4	0.01	3-4	0.02	3-4	0.02	3-4	0.02	3-4	0.02	3-4	0.02
1955	2-25	2-25	0.07	2-25	0.05	2-25	0.08	2-25	0.11	2-25	0.11	2-25	0.11	2-25	0.11
1956															

Notes:

e - Partially estimated. Quality of records: good.
p - Station not in operation January through April 29.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 132												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL										Vol.			
			1 hour		2 hours		6 hours		12 hours		1 day			2 days		8 days
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1948	5-4	0.02	5-4	0.02	5-4	0.04	5-4	0.09	5-4	0.13	5-4	0.13	5-4	0.13	5-2	0.21
1949	5-22	.03	1-27	.02	1-27	.04	1-27	.07	1-27	.10	1-27	.10	1-26	.11	1-26	.11
1950	9-1	.16	9-1	.22	9-1	.27	5-25	.34	5-25	.34	5-25	.34	5-25	.34	5-25	.34
1951	1-14	.01	1-14	.01	1-14	.01	1-14	.03	1-14	.04	1-14	.04	1-14	.04	1-14	.04
1952	1-26	.11	1-26	.10	1-26	.17	1-26	.32	1-26	.45	1-26	.45	1-26	.48	1-20	.55
1953	5-7	.04	5-7	.04	5-7	.08	5-7	.15	5-7	.16	5-7	.16	5-7	.16	5-7	.16
1954		0		0		0		0		0		0		0		0
1955	3-4	.02	3-4	.02	3-4	.03	3-4	.05	3-4	.05	3-4	.05	3-4	.05	3-4	.05
1956	2-25	.18	2-25	.16	2-25	.29	2-25	.47	2-25	.49	2-25	.49	2-25	.49	2-25	.49
Notes: Quality of records: good. p - Station not in operation January through April 1.																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO Watershed 134										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1938	8-4	0.70	8-4	0.19	8-4	0.20	8-4	0.20	8-4	0.20	8-4	0.20	8-4	0.20	7-31	0.26				
1939	7-8	1.45	7-8	.38	7-8	.38	7-8	.41	7-8	.70	7-8	.71	7-8	.71	7-4	.73				
1940	6-28	1.00	6-28	.31	6-28	.34	6-28	.43	6-28	.43	6-28	.43	6-28	.43	6-23	.44				
1941	5-22	.77	5-22	.34	5-22	.36	5-22	.37	5-22	.37	5-22	.37	5-22	.37	5-17	.46				
1942	3-16 e	.01	3-16 e	.01	3-16 e	.01	3-16 e	.01	3-16 e	.01	12-29 e	.02	12-29 e	.02	12-29 e	.02				
1943	5-30	.18	5-30	.10	5-30	.12	5-30	.12	5-30	.12	5-30	.17	5-30	.17	5-30	.17				
1944	8-23	.01	8-23	T	8-23	T	8-23	T	8-23	T	4-8	T	4-8	T	4-8	T				
1945	3-21	.10	3-6	.03	3-6	.05	3-6	.09	3-6	.14	3-6	.17	3-6	.17	3-2	.18				
1946	6-16	.10	6-16	.04	6-16	.04	6-16	.05	6-16	.05	6-16	.05	6-16	.05	6-16	.05				
1947	6-6	.02	6-6	T	6-6	T	6-6	T	6-6	T	6-6	T	6-6	T	6-6	T				

Notes:
e - Partially estimated. Quality of records: good.
p - Station not in operation January through April 29, 1938 and June 1 through December 1947.

Notes:

e - Partially estimated. Quality of records: good.

p - Station not in operation January through April 23, 1938 and June 1 through December 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 123												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	7-8	1.14	7-8	0.34	7-8	0.37	7-8	0.68	7-8	0.68	7-7	0.68	7-4	0.70		
1940	6-28	1.68	6-28	.46	6-28	.85	6-28	.88	6-28	.89	6-28	.89	6-25	.90		
1941	6-29	2.24	6-29	.62	5-22	.86	5-22	1.11	5-22	1.11	5-22	1.11	7-1	1.48		
1942	3-16	.24	3-16	.24	3-16	.27	3-16	.32	3-16	.32	12-29	.33	12-29	.52		
1943	3-19	.32	3-19	.24	3-19	.38	3-19	.54	3-19	.56	3-19	.56	3-16	.74		
1944	3-6	.19	3-6	.17	3-6	.28	3-6	.51	3-6	.63	3-6	.63	3-6	.63		
1945	9-23	.38	9-23	.21	9-23	.51	3-6	.47	3-6	.84	3-6	1.01	3-2	1.25		
1946	6-16	1.91	6-16	1.05	6-16	1.13	6-16	1.36	6-16	1.48	6-16	1.48	6-16	1.49		
1947	1-30	.18	1-30	.13	1-30	.21	1-30	.37	1-30	.37	1-29	.37	1-15	.40		
1948	4-14	.26	4-14	.20	2-13	.36	2-13	.78	2-13	.93	2-13	.94	4-11	1.05		
1949	7-6	.68	7-6	.14	1-27	.14	1-27	.29	1-27	.32	1-26	.47	1-24	.57		
1950	9-1	1.75	9-1	.90	9-1	1.00	9-1	1.01	9-1	1.01	9-1	1.01	1-3	1.32		
1951	1-14	.09	1-14	.09	1-14	.16	1-14	.36	1-14	.49	1-14	.55	1-14	.56		
1952	1-26	.41	1-26	.30	1-26	.49	1-26	1.04	1-26	1.69	1-26	2.02	1-20	2.13		
1953	8-9	.06	1-17	.01	1-17	.01	1-17	.01	1-17	.01	1-16	.01	1-17	.01		
1954	3-30	.01	3-30	.01	3-30	.01	3-30	.01	3-30	.01	3-30	.01	3-30	.01		
1955	3-4	.23	3-4	.18	3-4	.27	3-4	.46	3-4	.47	3-4	.47	3-1	.64		
1956	6-25	.87	2-25	.41	2-25	.71	2-25	1.10	2-25	1.13	2-25	1.13	2-18	1.13		

Notes: Quality of records: excellent.

Notes:

Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO				Watershed 115				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1939	7-8	2.75	7-8	0.57	7-8	1.29	7-8	1.55	7-8	1.55	7-8	1.55	7-4	2.06				
1940	7-23	2.65	6-18	.69	6-28	1.14	6-28	1.14	6-28	1.14	6-26	1.16	8-26	1.56				
1941	8-15	3.83	8-15	.85	5-22	1.37	5-22	1.37	5-22	1.37	5-22	1.37	6-29	2.85				
1942	6-4	.85	6-4	.12	6-4	.12	6-4	.12	6-4	.12	6-4	.12	6-4	.12				
1943	5-31	.24	5-31	.10	3-19	.16	3-19	.18	3-19	.18	5-30	.18	3-16	.20				
1944	3-6	.04	3-6	.03	3-6	.12	3-6	.13	3-6	.13	3-6	.13	3-6	.13				
1945	9-23	1.63	9-23	.51	9-23	.84	9-23	.85	9-23	.85	9-23	.93	9-20	1.02				
1946	6-16	2.43	6-16	1.11	6-16	1.25	6-16	1.32	6-16	1.32	6-16	1.32	6-16	1.33				
1947	6-6	.22	6-6	.08	1-30	.18	1-30	.18	1-30	.18	1-30	.18	1-26	.18				
1948	2-14	.18	2-13	.18	2-13	.95	2-13	1.34	2-13	1.37	2-13	1.37	2-13	1.37				
1949	7-6	3.89	7-6	.64	7-6	.64	7-6	.64	7-6	.64	7-6	.64	7-6	.95				
1950	9-1	1.93	9-1	1.33	9-1	1.58	9-1	1.59	9-1	1.59	9-1	1.59	9-1	1.59				
1951	2-21	.05	2-21	.04	1-14	.07	1-14	.14	1-14	.15	1-14	.15	1-14	.24				
1952	1-26	.30	1-26	.20	1-26	.60	1-26	.89	1-26	.96	1-26	.96	1-20	.99				
1953	8-9	1.87	8-9	.45	8-9	.45	8-9	.45	8-9	.45	8-9	.45	8-4	.60				
1954	1-20	.26	1-20	.21	1-20	.24	1-20	.24	1-20	.24	1-20	.24	1-20	.24				
1955	3-4	.08	3-4	.07	3-4	.16	3-4	.17	3-4	.17	3-4	.17	3-1	.19				
1956	2-25	.32	2-25	.19	2-25	.36	2-25	.36	2-25	.36	2-25	.36	2-25	.36				

Notes: Quality of records: excellent. p - Station not in operation January through March 31.

Notes: Quality of records: excellent. p - Station not in operation January through March 31.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
p 1949	7-6	2.05	7-6	0.12	7-6	0.43	7-6	0.43	7-6	0.43	7-6	0.43	7-6	0.43	7-6	0.43	0.80
1950	9-1	2.26	9-1	1.33	9-1	1.48	9-1	1.48	9-1	1.49	9-1	1.49	9-1	1.49	9-1	1.49	2.73
1951	7-11	.21	3-30	.12	3-30	.18	1-3	.38	1-3	.59	1-3	.96	1-3	1.00	2-12	1.59	1.59
1952	1-26	.56	1-26	.34	1-26	.55	1-26	1.15	1-26	1.97	1-26	2.65	1-25	2.82	1-25	2.85	2.85
1953	8-9	.13	1-28	.02	1-27	.05	1-27	.11	1-27	.15	1-27	.16	1-27	.16	1-24	.28	.28
1954	1-20	.24	1-20	.20	1-20	.22	1-20	.22	1-20	.22	1-20	.22	3-28	.23	3-28	.23	.23
1955	3-4	.29	3-4	.21	3-4	.33	3-4	.60	3-3	.70	3-3	.71	3-3	.71	3-1	.88	.88
1956	6-25	2.64	6-25	.18	6-25	.19	6-24	.19	6-24	.53	6-24	.53	6-24	.62	6-24	.66	.66

Quality of records: good.

p - Station not in operation January through May 5.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 109												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	6-10	2.08	7-8	0.52	7-8	0.69	7-8	1.10	7-8	1.10	7-8	1.10	7-8	1.10	7-4	1.27
1940	6-28	3.55	6-28	.63	6-28	1.12	8-27	1.31	8-27	1.52	8-25	1.65	8-25	2.08	8-25	2.08
1941	5-17	e 4.34	6-29	e .82	5-22	e 1.30	5-22	e 1.30	5-22	e 1.30	5-22	e 1.30	5-22	e 1.30	5-16	e 2.14
1942	6-4	.03	6-4	T	6-4	T	6-4	T	6-4	T	6-4	T	6-4	T	6-4	T
1943	3-19	e .03	3-19	e .01	3-19	e .02	3-19	e .03	3-19	e .03	3-19	e .03	3-19	e .03	3-19	e .03
1944	3-6	T	3-6	T	3-6	.01	3-6	.01	3-6	.01	3-6	.01	3-6	.01	3-6	.01
1945	9-23	.78	9-23	.28	9-23	.42	9-23	.42	9-23	.42	9-23	.42	9-23	.42	9-23	.42
1946	6-16	1.41	6-16	.47	6-16	.47	6-16	.47	6-16	.47	6-16	.47	6-16	.47	6-16	.47
1947	8-16	.02	8-16	T	8-16	.01	1-2	.01	1-2	.01	1-2	.01	1-2	.01	1-2	.01
1948	4-14	.01	4-14	.01	4-14	.01	4-14	.01	4-14	.01	4-14	.01	4-13	.02	4-13	.02
1949	7-6	2.20	7-6	.30	7-6	.30	7-6	.30	7-6	.30	7-6	.30	7-6	.30	7-6	.36
1950	9-1	1.54	9-1	.54	9-1	.57	9-1	.57	9-1	.57	9-1	.57	9-1	.57	9-1	.57
1951	1-15	.01	1-15	.01	12-25	.04	12-25	.04	12-25	.04	12-25	.04	12-25	.04	12-25	.04
1952	1-26	.03	1-26	.02	1-26	.04	1-26	.04	1-26	.05	1-26	.05	1-26	.05	1-26	.05
1953	7-22	T	7-22	T	7-22	T	7-22	T	7-22	T	7-22	T	7-22	T	7-22	T
1954	1-20	.24	1-20	.17	1-20	.18	1-20	.18	1-20	.18	1-20	.18	1-20	.18	1-20	.18
1955	4-13	T	4-13	T	4-13	T	4-13	T	4-13	T	4-13	T	4-13	T	4-13	T
1956	6-25	.12	6-24	.01	6-24	.01	6-24	.01	6-24	.01	6-24	.01	6-24	.01	6-24	.01

Notes: e - Partially estimated. Quality of records: excellent.

Notes: e - Partially estimated. Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

COSHOCTON, OHIO

Watershed 110

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1939	6-10	2.33	7-8	0.66	7-8	0.66	7-8	0.87	7-8	1.28	7-8	1.28	7-8	1.28	7-4	1.58
1940	7-23	2.47	6-18	.60	6-28	.86	6-28	.89	4-19	1.02	4-19	1.23	4-19	1.24	8-26	1.54
1941	7-7	.64	7-7	.39	7-7	.40	7-7	.41	7-7	.47	7-7	.47	7-7	.47	6-29	.81
1942	6-20	2.82	6-20	.25	6-20	.25	6-20	.25	6-20	.25	5-14	.41	5-14	.51	5-14	.51
1943	5-31	1.43	5-31	.23	3-19	.33	3-19	.43	3-19	.47	5-30	.52	5-30	.52	5-30	.52
1944	4-7	.09	4-7	.07	1-5	.09	1-5	.13	1-5	.13	1-5	.13	1-5	.13	1-3	.21
1945	9-23	.90	9-23	.32	9-23	.46	9-23	.57	9-23	.57	3-5	.58	3-5	.59	3-2	.65
1946	6-16	3.73	6-16	1.68	6-16	1.73	6-16	1.85	6-16	1.90	6-16	1.90	6-16	1.90	6-16	1.96
1947	6-6	.24	6-6	.09	6-6	.11	6-6	.13	6-6	.13	6-6	.18	6-6	.18	6-2	.18
1948	4-14	.14	4-14	.10	4-14	.14	4-14	.17	4-14	.18	4-14	.18	2-13	.39	2-13	.39
1949	7-21	.20	7-21	.04	7-21	.04	7-21	.05	1-27	.06	1-27	.06	1-26	.07	1-26	.07
1950	7-28	4.44	9-1	2.24	9-1	3.16	9-1	3.19	9-1	3.19	9-1	3.20	8-30	3.20	8-30	3.44
1951	1-4	.06	1-4	.05	1-3	.10	1-3	.24	1-3	.43	1-3	.60	1-3	.81	1-3	.81
1952	1-26	.31	1-26	.19	1-26	.29	1-26	.59	1-26	1.03	1-26	1.15	1-25	1.16	1-19	1.25
1953	1-17	.02	1-17	.01	1-17	.02	1-17	.03	1-17	.04	1-17	.04	1-17	.04	1-17	.05
1954	8-5	.68	10-5	.10	10-15	.11	10-15	.18	10-15	.18	10-15	.18	10-15	.18	10-10	.18
1955	11-16	.31	3-4	.15	3-4	.21	3-4	.34	3-4	.36	2-9	.38	2-9	.40	3-1	.49
1956	2-25	.78	2-25	.32	2-25	.48	2-25	.71	2-25	.73	2-25	.73	2-25	.73	2-18	.75

Notes:

e - Partially estimated. Quality of records: excellent.

p - Station not in operation January through March 9.

Notes: e - Partially estimated. Quality of records: excellent.

p - Station not in operation January through March 9.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 113										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1939	10-26	2.85	10-27	0.10	10-27	0.16	10-27	0.50	10-27	0.57	10-27	0.57	10-26	0.86
1940	6-18	3.21	6-18	.86	6-28	1.03	6-28	1.11	6-28	1.11	8-27	1.33	8-26	1.46
1941	6-29	1.04	7-7	.46	7-7	.47	5-22	.48	7-7	.52	7-7	.52	6-29	.62
1942	6-4	.66	6-4	.09	3-16	.12	3-16	.12	3-16	.12	12-29	.16	12-29	.16
1943	7-28	3.21	7-28	.43	7-28	.43	8-4	.51	8-4	.70	8-3	.88	8-3	1.07
1944	1-5	.06	1-5	.05	1-5	.09	1-5	.14	2-22	.20	2-22	.20	2-22	.20
1945	9-23	1.08	9-23	.38	9-23	.63	9-23	.69	9-23	.69	9-23	.69	9-23	.69
1946	6-16	1.18	6-16	.74	6-16	.76	6-16	.78	6-16	.79	6-16	.79	6-16	.79
1947	6-6	.72	6-6	.18	6-6	.19	6-6	.21	6-6	.21	6-6	.28	6-6	.28
1948	4-14	.31	4-14	.18	2-13	.26	2-13	.49	2-13	.52	2-13	.52	2-13	.52
1949	1-27	.07	1-27	.05	1-27	.07	1-27	.11	1-27	.12	1-27	.12	1-26	.16
1950	9-1	2.00	9-1	1.03	9-1	1.18	9-1	1.19	9-1	1.19	9-1	1.19	9-1	1.19
1951	7-11	1.08	7-23	.21	7-23	.21	7-23	.22	7-23	.22	2-11	.35	2-11	.35
1952	1-26	.33	1-26	.21	1-26	.32	1-26	.66	1-26	1.14	1-26	1.29	1-26	1.29
1953	5-22	.01	5-22	T	5-22	T	5-22	.01	5-22	.01	5-22	.01	5-22	.01
1954	3-4	0	3-4	0	3-4	0	3-4	0	2-6	0	2-6	0	2-6	0
1955	2-25	.26	2-25	.17	2-25	.23	2-25	.35	2-25	.75	2-25	.75	2-25	.75
1956		.66		.31		.50		.74						

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through August 9.

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through August 9.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 118										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1940	6-18	0.84	6-28	0.88	6-28	0.95	6-28	0.95	8-27	1.44	8-26	1.59	8-26	2.25
1941	7-7	.56	7-7	.57	7-7	.57	7-7	.63	7-7	.63	7-7	.63	6-29	1.07
1942	6-14	.03	6-14	.04	6-14	.07	6-14	.07	4-9	.07	4-9	.07	12-25	.80
1943	8-4	.73	8-4	.27	8-4	.32	8-4	.45	8-4	.54	8-3	.65	8-3	.65
1944	8-23	2.62	8-23	.59	8-23	.59	8-23	.59	8-23	.59	8-23	.59	8-16	.71
1945	9-23	1.36	9-23	.89	9-23	1.12	9-23	1.14	9-23	1.14	9-23	1.17	9-18	1.23
1946	6-16	2.38	6-16	1.33	6-16	1.36	6-16	1.38	6-16	1.38	6-16	1.38	6-16	1.39
1947	8-16	2.46	8-16	.66	8-16	.77	8-16	.77	8-16	.77	8-16	.77	6-6	.87
1948	4-14	.53	4-14	.36	4-14	.46	4-14	.50	4-14	.56	4-13	.98	4-11	1.35
1949	7-21	.42	7-21	.10	1-27	.14	1-27	.16	1-27	.17	1-27	.18	1-23	.24
1950	9-1	1.83	9-1	1.30	9-1	1.60	9-1	1.60	9-1	1.60	9-1	1.60	1-2	1.79
1951	7-11	1.39	7-23	.30	7-23	.33	9-13	.34	9-13	.35	9-13	.35	6-22	.65
1952	1-26	.41	1-26	.26	1-26	.36	1-26	.76	1-26	1.40	1-26	2.07	1-22	2.21
1953	5-22	.03	5-22	.02	1-24	.03	1-24	.04	1-24	.04	1-17	.08	1-17	.12
1954	12-29	.02	12-29	.01	3-30	.02	3-30	.03	3-28	.05	3-28	.08	3-28	.08
1955	3-4	.19	3-4	.14	3-4	.20	3-4	.39	3-3	.46	3-3	.50	3-1	.54
1956	2-25	.99	2-25	.40	2-25	.65	2-25	.95	2-25	.97	2-25	.97	2-25	.97
Notes: Quality of records: excellent.														

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO				WATERSHED 111										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1939	10-26	0.57	10-27	0.16	10-27	0.20	10-27	0.27	10-27	0.27	10-26	0.36	10-26	0.36				
1940	7-23	1.50	6-18	.37	6-28	.40	6-28	.42	6-28	.42	12-28	.48	12-28	.48				
1941	6-29	1.90	6-29	.68	6-29	.83	5-22	.90	5-22	.94	6-29	1.25	6-29	1.25				
1942	3-16	.13	3-16	.10	3-16	.15	3-16	.15	12-29	.23	12-29	.45	12-29	.45				
1943	3-19	.34	3-19	.25	3-19	.38	3-19	.54	3-19	.60	3-19	.60	3-16	.82				
1944	4-8	.20	4-7	.16	3-6	.25	3-6	.46	3-6	.57	3-6	.57	3-6	.57				
1945	9-23	1.47	9-23	.68	9-23	.98	9-23	1.22	9-23	1.23	3-6	1.26	3-2	1.72				
1946	6-16	2.31	6-16	1.11	6-16	1.18	6-16	1.42	6-16	1.54	6-16	1.54	6-16	1.54				
1947	6-6	.25	1-30	.12	1-30	.25	1-30	.37	1-30	.37	1-20	.39	1-15	.55				
1948	4-14	.44	2-13	.28	2-13	.36	2-13	1.02	2-13	1.19	2-13	1.19	2-13	1.19				
1949	1-27	.14	1-27	.10	1-27	.16	1-27	.34	1-27	.37	1-27	.37	1-23	.74				
1950	9-1	1.54	9-1	.95	9-1	1.06	9-1	1.06	9-1	1.06	9-1	1.06	12-2	1.35				
1951	2-21	.16	2-21	.12	2-21	.17	1-3	.36	1-3	.42	1-3	.85	1-3	.85				
1952	1-26	.48	1-26	.35	1-26	.55	1-26	1.20	1-26	1.95	1-26	2.61	1-19	3.08				
1953	1-17	.09	1-17	.07	1-17	.13	1-17	.15	1-17	.15	1-17	.15	1-17	.23				
1954	12-29	.14	12-29	.08	12-29	.11	12-29	.12	12-29	.12	3-29	.16	3-29	.16				
1955	3-4	.29	3-4	.21	2-19	.35	2-19	.74	2-19	.74	2-19	.76	3-1	.98				
1956	2-25	.69	2-25	.41	2-25	.73	2-25	1.24	2-25	1.28	2-25	1.28	2-18	1.34				

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through August 9.

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through August 9.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 121									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1939	7-20	1.22	7-20	0.33	7-20	0.34	7-8	e 0.96	7-8	e 1.10	7-8	e 1.20	7-8	e 1.20	7-4	e 1.44			
1940	6-18	1.25	6-18	.28	6-28	.41	6-28	.44	6-28	.44	6-28	.44	6-28	.44	6-28	.50			
1941	8-15	2.47	8-15	.58	8-15	.58	8-15	.58	7-7	.62	7-7	.62	7-7	.62	8-15	.79			
1942	3-16	.13	3-16	.05	3-16	.08	3-16	.11	3-16	.11	3-16	.11	3-16	.11	3-9	.14			
1943	5-31	.52	5-31	.09	3-19	.11	3-19	.15	3-19	.22	3-19	.24	3-19	.25	3-16	.30			
1944	8-23	7.82	8-23	1.00	8-23	1.00	8-23	1.00	8-23	1.00	8-23	1.00	8-23	1.00	8-16	1.18			
1945	9-23	.59	9-23	.20	9-23	.34	9-23	.38	9-23	.38	3-6	.51	3-5	.69	3-3	1.10			
1946	6-16	1.58	6-16	.49	6-16	.50	6-16	.54	6-16	.56	6-16	.56	6-16	.56	6-16	.59			
1947	8-16	.61	8-16	.13	8-16	.13	1-30	.14	1-30	.14	1-30	.15	1-30	.15	6-2	.31			
1948	7-27	1.77	7-27	.31	7-27	.32	7-27	.35	7-27	.35	7-27	.35	4-14	.40	4-11	.59			
1949	7-21	.23	1-4	.07	1-4	.10	1-4	.13	1-4	.16	1-4	.18	1-26	.23	1-23	.45			
1950	9-1	2.62	9-1	1.32	9-1	1.39	9-1	1.39	9-1	1.39	9-1	1.39	9-1	1.39	9-1	1.39			
1951	6-22	.05	1-14	.01	1-14	.02	1-14	.03	1-14	.04	1-3	.04	1-3	.04	2-15	.08			
1952	7-16	2.08	7-3	.28	7-3	.36	7-3	.37	1-26	.58	1-26	.75	1-26	.83	1-25	.89			
1953	1-17	.01	1-17	.01	1-17	.01	1-17	.01	1-17	.01	1-17	.01	1-17	.01	1-24	.01			
1954	3-30	T	3-30	T	3-30	T	3-30	.01	3-30	.01	3-30	.01	3-30	.01	3-30	.01			
1955	3-21	.03	3-21	.02	3-21	.04	3-21	.06	3-21	.06	3-21	.07	3-21	.08	3-21	.08			
1956	7-27	1.45	7-27	.40	7-27	.41	7-27	.41	7-26	.46	7-26	.46	7-26	.46	7-20	.56			

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation from January through March 19.

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation from January through March 19.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 106									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
p 1939	7-8	0.44	7-8	0.17	7-8	0.17	7-8	0.24	7-8	0.24	7-8	0.24	7-8	0.24	7-4	0.25			
1940	7-23	.12	8-30	.06	11-26	.09	8-30	.16	8-30	.17	8-29	.18	8-29	.18	8-27	.27			
1941	8-15	1.40	7-7	.44	7-7	.44	7-7	.47	7-7	.47	7-7	.47	7-7	.47	7-1	.48			
1942	7-10	.14	3-16	.02	3-16	.03	5-15	.03	5-15	.03	5-15	.03	5-14	.04	12-25	.12			
1943	5-31	.13	5-30	.06	5-30	.08	5-30	.10	5-30	.10	5-30	.15	5-30	.15	5-30	.15			
1944	8-23	7.63	8-23	.94	8-23	.94	8-23	.94	8-23	.94	8-23	.94	8-23	.94	8-16	1.20			
1945	9-23	2.21	9-23	.81	9-23	.85	9-23	1.26	9-23	1.27	9-23	1.27	9-23	1.27	3-17	1.66			
1946	6-16	1.54	6-16	.47	6-16	.48	6-16	.51	6-16	.53	6-16	.53	6-16	.53	6-16	.53			
1947	8-16	.85	8-16	.25	8-16	.26	8-16	.26	8-16	.26	8-16	.26	8-16	.26	8-16	.26			
1948	6-19	3.90	7-27	.44	7-27	.48	6-19	.56	6-19	.60	6-19	.60	6-19	.60	6-24	1.00			
1949	7-6	2.84	7-6	.70	7-6	.70	7-6	.70	7-6	.70	7-6	.74	1-4	.76	7-6	1.09			
1950	9-1	2.61	9-1	1.26	9-1	1.38	9-1	1.39	9-1	1.39	9-1	1.39	9-1	1.39	9-1	1.39			
1951	6-22	.21	6-22	.04	12-21	.07	12-21	.16	12-21	.16	12-21	.16	12-21	.16	12-21	.33			
1952	7-3	3.50	7-3	.45	7-3	.59	7-3	.60	7-3	.76	7-3	.76	7-3	.76	6-29	1.21			
1953	5-22	.05	5-7	.02	5-7	.03	1-17	.07	1-17	.08	1-17	.08	1-17	.08	1-17	.11			
1954	12-29	.02	2-28	.01	2-28	.02	3-28	.02	3-28	.04	3-28	.04	3-28	.06	3-28	.06			
1955	11-16	.06	3-4	.04	3-4	.05	3-4	.10	3-3	.11	3-3	.11	3-3	.11	3-1	.14			
1956	7-27	2.47	7-27	.68	7-27	.70	7-27	.70	7-26	.86	7-26	.86	7-26	.90	7-20	1.23			

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through March 24.

Notes: e - Partially estimated. Quality of records: excellent.
p - Station not in operation January through March 24.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO		WATERSHED 188				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1939	10-26	1.67	10-27	0.45	10-27	0.57	10-27	0.75	10-27	0.82	10-27	0.82	10-25	1.24	10-25	1.24
1940	6-18	2.41	6-18	.76	6-28	.92	6-28	.96	8-27	0.82	8-27	1.24	8-26	1.48	8-25	2.17
1941	8-15	1.19	7-7	.43	7-7	.44	7-7	.44	7-7	1.09	7-7	.44	7-7	.44	8-15	.54
1942	7-10	.04	3-16	.02	3-16	.03	3-16	.03	3-16	.03	3-16	.03	3-16	.03	3-16	.03
1943	5-31	.57	5-31	.20	5-30	.21	5-30	.21	5-30	.21	5-30	.41	5-30	.41	5-30	.41
1944	8-23	3.06	8-23	.68	8-23	.68	8-23	.68	8-23	.68	8-23	.68	8-23	.68	8-23	.68
1945	9-23	1.95	9-23	.87	9-23	1.15	9-23	1.33	9-23	1.33	9-23	1.33	9-23	1.33	9-18	1.38
1946	6-16	2.67	6-16	1.18	6-16	1.21	6-16	1.23	6-16	1.26	6-16	1.26	6-16	1.26	6-16	1.26
1947	8-16	1.41	8-16	.48	8-16	.49	8-16	.49	8-16	.49	8-16	.49	8-16	.49	8-16	.49
1948	4-14	.23	4-14	.15	4-14	.18	2-13	.32	2-13	.39	2-13	.39	2-13	.39	2-13	.39
1949	7-21	.74	7-21	.17	7-21	.17	7-21	.17	7-21	.17	7-21	.17	7-21	.17	7-21	.17
1950	9-1	2.51	9-1	1.84	9-1	2.07	9-1	2.08	9-1	2.08	9-1	2.08	9-1	2.08	9-1	2.08
1951	1-14	.05	1-14	.06	1-14	.09	2-11	.15	2-11	.27	2-11	.40	2-11	.40	2-7	.43
1952	1-26	.43	1-26	.28	1-26	.45	1-26	.89	1-26	1.53	1-26	1.70	1-26	1.72	1-26	1.72
1953		0		0		0		0		0		0		0		0
1954		0		0		0		0		0		0		0		0
1955	3-4	.14	3-4	.10	3-4	.14	3-4	.24	3-4	.25	3-4	.25	3-4	.25	3-1	.25
1956	2-25	.61	2-25	.33	2-25	.52	2-25	.78	2-25	.79	2-25	.79	2-25	.79	2-25	.79

Notes: Quality of records: excellent.
p - Station not in operation January through July 5.

Notes:

Quality of records: excellent.

p - Station not in operation January through July 5.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 124									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1939	10-26	0.17	6-27	0.06	6-27	0.06	6-27	0.08	6-27	0.08	6-27	0.08	6-27	0.08	6-26	0.12	6-26	0.12	
1940	6-18	.86	6-18	.28	6-18	.29	4-19	.37	4-19	.39	4-19	.39	4-19	.55	4-19	.55	3-2	.95	
1941	5-22	1.32	5-22	.58	5-22	.61	5-22	.71	5-22	.71	5-22	.71	5-22	.71	5-22	.71	5-17	.98	
1942	6-4	.25	6-4	.06	6-4	.06	5-15	.07	12-30	.14	12-29	.23	12-29	.23	12-29	.25	12-25	.36	
1943	7-28	.39	8-4	.11	3-19	.16	8-4	.21	8-4	.26	8-4	.29	3-6	.30	8-3	.30	7-27	.39	
1944	4-7	.10	4-7	.08	4-7	.12	3-6	.20	3-6	.29	3-6	.30	3-6	.30	3-6	.30	3-6	.30	
1945	9-23	1.43	9-23	.59	9-23	.88	9-23	1.09	9-23	1.10	9-23	1.10	9-23	1.10	9-23	1.12	9-23	1.18	
1946	6-16	1.54	6-16	.69	6-16	.71	6-16	.76	6-16	.80	6-16	.80	6-16	.80	6-16	.80	6-16	.80	
p 1947	6-6	.27	6-6	.15	6-6	.17	6-6	.19	6-6	.19	6-6	.25	6-6	.25	6-6	.25	6-6	.25	

Notes: Quality of records: good.
p - Station in operation January through June 1947 and not in operation January through August 1939

Notes:

Quality of records: good.

p - Station in operation January through June 1947 and not in operation January through August 1939

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

COSHOCTON, OHIO WATERSHED 185

MAXIMUM VOLUME FOR SELECTED TIME INTERVAL

YEAR	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1939	10-26	2.53	10-27	0.45	10-27	0.55	10-27	0.74	10-27	0.82	10-26	1.02	10-25	1.28	10-25	1.28
1940	6-18	2.44	6-18	.68	7-27	.70	7-27	.70	7-27	1.06	7-27	1.06	7-26	1.22	7-26	1.72
1941	8-15	.96	7-7	.52	7-7	.54	7-7	.55	7-7	.57	7-7	.57	7-7	.57	6-29	.82
1942	7-10	2.17	7-10	.36	7-10	.36	5-15	.39	5-15	.39	5-15	.39	5-14	.57	5-14	.60
1943	5-31	.71	5-31	.20	5-31	.21	5-31	.21	5-31	.21	5-30	.48	5-30	.48	5-25	.48
1944	4-7	.05	1-5	.04	1-5	.07	1-5	.09	1-5	.10	1-5	.10	1-3	.16	1-3	.17
1945	8-23	1.90	8-23	.72	8-23	.77	8-23	1.18	8-23	1.18	8-23	1.18	8-23	1.23	8-20	1.25
1946	6-16	3.35	6-16	1.36	6-16	1.38	6-16	1.40	6-16	1.43	6-16	1.43	6-16	1.43	6-16	1.43
1947	8-16	.91	8-16	.24	8-16	.24	8-16	.24	8-16	.24	8-16	.24	8-16	.24	8-16	.24
1948	7-27	.42	7-27	.10	7-27	.11	2-13	.32	2-13	.39	2-13	.39	2-13	.39	2-13	.39
1949	7-21	.76	7-21	.17	7-21	.17	7-21	.17	7-21	.17	7-21	.17	7-21	.17	1-23	.18
1950	9-1	2.65	9-1	1.91	9-1	2.31	9-1	2.32	9-1	2.32	9-1	2.32	9-1	2.32	9-1	2.32
1951	2-21	.03	2-21	.02	2-21	.03	2-12	.05	2-12	.09	2-12	.18	2-12	.30	2-11	.41
1952	7-3	.38	1-26	.12	1-26	.17	1-26	.31	1-26	.57	1-26	.59	1-26	.60	1-19	.64
1953	5-22	T	5-22	T	5-22	T	5-22	T	5-22	T	5-22	T	5-22	T	5-22	T
1954	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T
1955	3-4	.08	3-4	.06	3-4	.06	3-4	.15	3-3	.16	2-21	.19	2-20	.25	2-19	.30
1956	7-27	1.18	7-27	.45	7-27	.47	7-27	.47	7-26	.52	7-26	.52	7-26	.53	7-20	.64

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through August.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 187										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1941	8-15	1.13	7-7	0.61	7-7	0.64	7-7	0.64	7-7	0.83	7-7	0.83	7-7	0.85	7-7	0.92	6-30	1.48		
1942	12-30	.05	12-30	.05	12-30	.08	12-30	.21	12-30	.41	12-30	.41	12-30	.64	12-30	1.11	12-28	2.45		
1943	5-31	.79	5-31	.24	5-31	.28	5-31	.35	5-31	.36	5-31	.36	5-30	.70	12-30	1.04	3-16	2.36		
1944	8-23	.10	4-7	.05	4-7	.08	3-6	.16	3-6	.23	3-6	.23	3-6	.31	3-6	.31	3-6	.35		
1945	9-23	.81	9-23	.33	9-23	.59	9-23	.72	9-23	.77	9-23	.77	3-21	.95	3-21	1.42	3-19	2.50		
1946	6-16	1.40	6-16	.71	6-16	.76	6-16	.85	6-16	.97	6-16	.97	6-16	1.09	6-16	1.26	6-16	1.52		
1947	8-16	.22	8-16	.07	6-7	.08	6-6	.13	6-6	.14	6-6	.14	6-6	.17	6-6	.25	6-6	.69		
1948	4-14	.22	4-14	.15	4-14	.22	4-14	.33	4-14	.48	4-14	.48	4-14	.73	4-13	1.14	4-11	2.09		
1949	7-21	.96	7-21	.22	7-21	.23	7-21	.24	7-21	.24	7-21	.24	1-28	.37	1-26	.65	1-24	1.75		
1950	9-1	2.04	9-1	1.37	9-1	1.54	9-1	1.57	9-1	1.57	9-1	1.57	9-1	1.57	9-1	1.57	1-5	2.06		
1951	6-22	.10	1-4	.07	1-4	.10	1-4	.17	1-4	.31	1-4	.31	1-4	.42	1-3	.68	2-15	1.38		
1952	1-26	.27	1-26	.17	1-26	.28	1-26	.58	1-26	1.13	1-26	1.13	1-26	1.25	1-26	2.11	1-26	2.83		
1953	8-9	.02	1-17	.01	1-17	.02	1-17	.03	1-17	.04	1-17	.04	1-17	.04	1-17	.04	1-17	.05		
1954	3-9	T	3-9	T	3-9	.01	3-9	.02	3-9	.03	3-9	.03	3-30	.06	3-30	.08	3-30	.13		
1955	3-4	.13	3-4	.09	3-4	.13	3-4	.29	3-4	.33	3-4	.33	3-4	.45	3-4	.70	3-4	1.07		
1956	2-25	.39	2-25	.22	2-25	.33	2-25	.57	2-25	.63	2-25	.63	2-25	.69	2-25	.87	2-25	1.01		

Notes: e - Partially estimated. Quality of records: excellent.

Notes: e - Partially estimated. Quality of records: excellent.

Notes: e - Partially estimated. Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 172												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1939	7-8	0.60	7-8	0.26	7-8	0.30	7-8	0.56	7-8	0.68	7-8	0.80	7-8	0.90	4-15	2.01
1940	6-28	.54	6-28	.28	6-28	.45	6-28	.62	4-19	.94	4-19	1.36	4-19	1.58	4-16	2.45
1941	5-22	.60	5-22	.34	5-22	.45	5-22	.74	5-22	.86	5-22	1.00	5-22	1.11	5-17	2.07
1942	3-16	.13	3-16	.13	3-16	.20	3-16	.30	3-16	.39	12-29	.69	12-29	1.03	3-11	1.82
1943	5-30	.26	5-30	.22	5-30	.37	5-30	.57	5-30	.69	5-30	1.02	5-30	1.40	3-16	2.21
1944	4-8	.11	4-8	.10	4-8	.16	3-6	.33	3-6	.56	3-6	.71	3-6	.84	4-7	1.65
1945	9-23	.35	3-21	.21	9-23	.32	3-6	.56	3-6	.97	3-6	1.54	3-6	1.93	3-2	3.03
1946	6-16	.72	6-16	.47	6-16	.58	6-16	.87	6-16	1.11	6-16	1.34	6-16	1.36	6-16	1.92
1947	6-6	.24	6-6	.18	6-6	.23	6-6	.38	6-6	.48	6-6	.73	6-6	1.00	5-21	2.00
1948	4-14	.15	4-14	.13	4-14	.21	4-14	.41	4-14	.55	4-13	.84	4-13	1.54	4-11	2.87
1949	1-27	.07	1-27	.07	1-27	.12	1-27	.25	1-27	.38	1-27	.51	1-27	.67	1-23	1.59
1950	9-1	1.57	9-1	.87	9-1	.99	9-1	1.07	9-1	1.09	9-1	1.10	9-1	1.11	2-13	1.48
1951	3-30	.07	3-30	.06	3-30	.10	3-30	.18	2-13	.28	2-13	.49	2-13	.73	2-12	2.16
1952	1-26	.25	1-26	.20	1-26	.35	1-26	.80	1-26	1.48	1-26	1.95	1-26	2.34	1-26	3.14
1953	5-7	.09	5-7	.09	5-7	.17	5-7	.30	5-7	.38	5-7	.47	5-7	.54	5-7	.86
1954	4-16	.01	4-16	.01	4-16	.02	4-16	.06	4-16	.10	3-28	.13	3-28	.23	3-28	.42
1955	3-4	.13	3-4	.11	3-4	.18	3-4	.36	3-4	.50	3-4	.67	3-4	.89	3-4	1.52
1956	2-25	.37	2-25	.25	2-25	.39	2-25	.67	2-25	.79	2-25	.87	2-25	.95	2-23	1.15
Notes:		Quality of records: good. p - Station not in operation January 1 through 29.														

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 169												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1940	6-28	0.67	6-28	0.34	6-28	0.63	6-28	0.75	6-28	0.78	3-3	0.87	3-2	1.51	3-1	2.10
1941	8-15	.86	8-15	.31	8-15	.32	5-22	.63	5-22	.68	5-22	.72	5-22	.79	5-16	1.17
1942	7-10	.19	3-16	.13	3-16	.19	3-16	.27	3-16	.34	12-30	.39	12-29	.73	12-28	1.23
1943	5-30	.42	5-30	.37	5-30	.54	5-30	.70	5-30	.74	5-30	1.08	5-30	1.15	5-30	1.45
1944	8-23	1.48	8-23	.37	8-23	.38	8-23	.38	4-6	.49	4-6	.53	4-6	.55	4-6	.66
1945	9-23	1.37	9-23	.66	9-23	.97	9-23	1.20	9-23	1.22	3-6	1.49	3-6	1.73	3-2	2.50
1946	6-16	2.08	6-16	.95	6-16	1.02	6-16	1.18	6-16	1.31	6-16	1.33	6-16	1.36	6-16	1.60
1947	8-16	.91	8-16	.34	8-16	.35	8-16	.39	8-16	.40	5-25	.44	6-6	.58	5-21	1.16
1948	4-14	.31	4-14	.21	4-14	.28	4-14	.41	4-14	.49	2-13	.61	2-13	1.05	4-11	1.76
1949	7-21	.73	7-21	.27	7-21	.28	7-21	.30	1-27	.34	1-27	.41	1-26	.54	1-24	1.06
1950	9-1	2.40	9-1	1.70	9-1	2.00	9-1	2.03	9-1	2.04	9-1	2.04	9-1	2.04	9-1	2.04
1951	3-30	.10	3-30	.06	3-30	.10	1-3	.23	1-3	.30	1-3	.57	1-3	.70	2-12	1.38
1952	1-26	.38	1-26	.27	1-26	.38	1-26	.74	1-26	1.27	1-26	1.54	1-26	1.89	1-26	2.49
1953	5-22	.05	5-22	.03	5-7	.06	5-7	.09	5-7	.10	5-7	.12	5-7	.15	5-7	.22
1954	12-29	.03	12-29	.02	10-15	.03	10-15	.06	10-15	.08	10-15	.08	3-29	.14	3-28	.22
1955	3-4	.23	3-4	.15	3-4	.23	3-4	.47	3-3	.55	3-4	.61	3-4	.71	3-1	1.22
1956	7-27	.91	7-27	.55	7-27	.62	2-25	.95	2-25	1.01	2-25	1.04	2-25	1.09	2-25	1.29

Notes: e - Partially estimated. Quality of records: good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 177											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1940	6-18	0.76	6-28	0.35	6-28	0.67	6-28	0.81	4-19	1.02	4-19	1.34	4-17	1.78	
1941	5-22	.59	5-22	.33	5-22	.41	5-22	.68	5-22	.70	5-22	.76	7-4	1.19	
1942	3-16	.16	3-16	.15	3-16	.22	12-30	.37	12-30	.59	12-29	1.04	12-28	1.98	
1943	5-31	.37	5-30	.23	5-30	.38	5-30	.58	5-30	.72	5-30	1.16	5-29	1.53	
1944	4-8	.15	4-7	.13	3-6	.19	3-6	.57	3-6	.65	3-6	.78	4-7	1.19	
1945	9-23	.72	9-23	.45	9-23	.61	9-23	.90	3-6	1.14	3-6	1.56	3-2	2.54	
1946	6-16	1.40	6-16	.75	6-16	.85	6-16	1.12	6-16	1.19	6-16	1.34	6-16	1.34	
1947	6-6	.43	6-6	.23	6-6	.30	6-6	.42	6-6	.59	6-6	.76	5-21	1.43	
1948	4-14	.19	4-14	.15	4-14	.20	4-14	.45	4-14	.70	4-11	1.05	4-11	2.24	
1949	7-6	.10	1-27	.06	1-27	.10	1-27	.32	1-27	.42	1-26	.66	1-23	1.51	
1950	9-1	2.05	9-1	1.27	9-1	1.55	9-1	1.64	9-1	1.66	9-1	1.68	1-3	2.08	
1951	3-30	.06	3-30	.06	1-3	.09	1-3	.25	1-3	.54	1-3	.78	2-12	1.29	
1952	1-26	.26	1-26	.21	1-26	.33	1-26	1.23	1-26	1.61	1-26	2.00	1-20	2.72	
1953	5-7	.07	5-7	.05	5-7	.09	1-17	.23	1-17	.27	1-17	.30	1-17	.57	
1954	3-30	.02	3-30	.02	3-30	.03	3-30	.08	3-29	.13	3-28	.23	3-28	.46	
1955	3-4	.16	3-4	.12	3-4	.19	3-4	.45	3-4	.54	3-4	.70	3-1	1.28	
1956	2-25	.46	2-25	.31	2-25	.52	2-25	.93	2-25	1.02	2-25	1.14	2-22	1.39	

Notes: e - Partially estimated. Quality of records: excellent.

Notes: e - Partially estimated. Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO WATERSHED 183													
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1938	8-4	0.30	8-4	0.33	8-4	0.35	4-6	0.58	4-6	0.75	4-6	1.02	4-6	1.02	3-13	2.25	
1939	7-8	.23	7-8	.26	7-8	.54	7-8	.61	4-17	.66	4-17	.81	4-17	.81	4-15	1.42	
1940	6-18	.32	6-18	.36	4-19	.57	4-19	.80	4-19	1.10	4-19	1.40	4-19	1.40	4-16	1.84	
1941	5-22	.43	5-22	.55	5-22	.68	5-22	.83	5-22	.90	5-22	.96	5-22	.96	5-17	1.49	
1942	6-20	.08	3-16	.14	3-16	.23	12-29	.39	12-29	.69	12-29	1.05	12-29	1.05	12-28	2.06	
1943	3-19	.18	3-19	.30	3-19	.51	3-19	.67	5-30	.88	5-30	1.19	5-30	1.19	3-16	1.99	
1944	8-23	.34	4-8	.18	4-7	.34	3-6	.59	3-6	.66	3-6	.87	3-6	.87	4-7	1.48	
1945	9-23	.69	9-23	1.00	9-23	1.34	9-23	1.42	9-23	1.50	9-23	1.75	9-23	1.75	3-2	2.84	
1946	6-16	1.37	6-16	1.53	6-16	1.73	6-16	1.93	6-16	2.04	6-16	2.15	6-16	2.15	6-13	2.50	
1947	8-16	.17	8-16	.20	6-6	.35	6-6	.42	6-6	.61	6-6	.81	6-6	.81	5-19	1.40	
1948	4-14	.17	4-14	.24	4-14	.28	4-14	.50	4-14	.69	4-14	1.17	4-14	1.17	4-11	2.26	
1949	7-21	.20	7-21	.24	1-27	.27	1-27	.40	1-27	.53	1-26	.84	1-26	.84	1-23	1.85	
1950	9-1	1.21	9-1	1.58	9-1	1.66	9-1	1.67	9-1	1.67	9-1	1.67	9-1	1.67	1-3	2.86	
1951	6-22	.07	2-21	.12	1-3	.26	1-3	.48	1-3	.81	1-3	1.15	1-3	1.15	1-2	1.63	
1952	1-26	.20	1-26	.32	1-26	.65	1-26	1.14	1-26	1.56	1-25	2.04	1-25	2.04	1-25	2.67	
1953	5-22	.06	5-22	.10	5-22	.15	1-17	.20	5-22	.23	5-22	.28	5-22	.28	5-17	.48	
1954	12-29	.02	3-29	.03	3-29	.07	3-29	.11	3-29	.16	3-28	.30	3-28	.30	3-28	.46	
1955	3-4	.17	3-4	.26	3-4	.54	3-4	.65	3-4	.80	3-4	.96	3-4	.96	3-1	1.54	
1956	7-5	.12	7-27	.14	5-31	.23	3-7	.35	5-27	.40	3-7	.51	3-7	.51	5-27	1.42	

Notes: Quality of records: excellent. p - Station not in operation in January.

Notes:

Quality of records: excellent. p - Station not in operation in January.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 196									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
p 1937	6-21	0.30	6-21	0.21	6-21	0.51	6-21	0.77	6-21	1.28	6-21	1.67	6-21	2.49					
1938	8-4	.50	8-4	.25	8-4	.37	3-14	.56	3-14	.79	3-13	1.24	3-13	2.74					
1939	7-8	.58	7-8	.23	7-8	.51	7-8	.65	4-17	.80	4-17	1.01	4-15	1.86					
1940	6-28	.46	6-28	.20	3-2	.56	4-19	.85	4-19	1.23	3-2	1.85	3-1	2.50					
1941	8-15	.53	5-22	.34	5-22	.69	5-22	.83	5-22	.94	5-22	1.04	5-17	1.83					
1942	3-16	e .22	3-16	.16	3-16	.43	3-16	.51	3-16	.62	4-9	.81	3-11	1.78					
1943	5-31	.24	5-30	.18	3-19	.53	3-19	.70	3-19	.92	3-19	1.16	3-16	2.08					
1944	8-23	.15	4-7	.11	3-6	.37	3-6	.62	3-6	.76	3-6	.89	3-4	1.27					
1945	9-23	1.06	9-23	.56	9-23	1.16	9-23	1.27	9-23	1.35	3-6	1.65	3-2	2.84					
1946	6-16	1.90	6-16	1.15	6-16	1.63	6-16	1.92	6-16	2.10	6-16	2.29	6-16	2.84					
1947	8-16	.59	6-6	.27	6-6	.52	6-6	.62	6-6	.89	6-6	1.13	5-20	2.13					
1948	4-14	.21	4-14	.17	2-13	.72	2-13	1.00	2-13	1.16	4-12	1.75	4-11	3.36					
1949	7-21	.38	7-21	.16	7-21	.27	1-27	.44	1-27	.63	1-26	1.03	1-23	2.22					
1950	9-1	1.77	9-1	1.10	9-1	1.57	9-1	1.60	9-1	1.62	9-1	1.64	1-3	3.30					
1951	6-22	.15	2-21	.08	1-14	.35	1-3	.56	1-3	.98	1-3	1.34	2-16	1.88					
1952	1-26	.32	1-26	.30	1-26	.93	1-26	1.64	1-26	2.09	1-25	2.57	1-20	3.66					
1953	1-17	.06	1-17	.05	1-17	.10	1-17	.32	1-17	.38	1-17	.46	1-24	.84					
1954	12-29	.03	10-15	.03	10-15	.10	3-28	.18	3-28	.27	3-28	.46	3-28	.80					
1955	3-4	.20	3-4	.16	3-4	.52	3-4	.65	3-4	.82	3-4	1.00	3-1	1.84					
1956	2-25	.55	2-25	.35	2-25	1.04	2-25	1.21	2-25	1.37	2-25	1.55	2-24	1.96					

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through April 13.

Notes: e - Partially estimated. Quality of records: good.

p - Station not in operation January through April 13.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO				Watershed 10								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	7-8	0.24	7-8	0.09	4-18	0.13	4-18	0.26	4-17	0.43	4-17	0.57	3-12	0.70	4-15	1.25
1940	6-18	.37	6-18	.21	4-19	.28	4-19	.49	4-19	.67	4-19	.95	4-19	1.14	4-15	1.44
1941	6-4	.56	6-4	.34	6-4	.44	6-4	.54	6-4	.59	6-4	.64	6-3	.72	6-3	.77
1942	6-20	.46	6-4	.15	6-20	.19	6-14	.22	12-29	.36	12-29	.69	12-28	1.06	12-26	1.92
1943	3-19	.23	3-19	.18	3-19	.29	3-19	.47	3-19	.61	3-19	.79	3-19	.93	3-16	1.61
1944	3-6	.08	3-6	.07	3-6	.13	3-6	.25	3-6	.41	3-6	.51	3-6	.58	4-7	1.14
1945	9-23	1.72	9-23	.66	9-23	.76	9-23	.96	9-23	1.02	3-6	1.21	3-6	1.50	3-2	2.39
1946	7-21	1.15	7-11	.58	7-21	.72	7-21	.81	7-21	.85	7-21	.88	7-21	.97	6-16	1.31
1947	6-6	.36	6-6	.24	6-6	.30	6-6	.44	6-6	.51	6-6	.66	6-6	.83	5-21	1.31
1948	4-11	.28	4-11	.21	4-11	.37	4-11	.61	4-11	.75	4-11	.93	4-11	1.74	4-11	2.82
1949	7-6	.06	1-27	.05	1-27	.10	1-27	.22	1-27	.35	1-27	.48	1-26	.72	1-23	1.50
1950	5-25	.15	5-25	.07	5-25	.14	5-25	.31	1-6	.43	1-6	.61	1-5	.76	12-2	2.04
1951	2-21	.05	1-4	.05	1-4	.09	1-3	.24	1-3	.40	1-3	.62	1-3	.89	2-12	1.69
1952	1-26	.26	1-26	.19	1-26	.30	1-26	.62	1-26	1.03	1-26	1.43	1-25	1.80	1-20	2.43
1953	5-7	.06	1-17	.06	5-7	.11	5-7	.21	5-7	.26	5-7	.31	5-7	.38	1-17	.65
1954	10-15	.05	10-15	.04	10-15	.08	10-15	.16	10-15	.20	10-15	.23	10-15	.26	12-28	.50
1955	3-4	.19	3-4	.14	3-4	.21	3-4	.32	3-4	.39	3-4	.49	3-21	.61	3-1	1.04
1956	2-25	.12	2-25	.31	2-25	.47	2-25	.78	2-25	.90	2-25	1.01	2-25	1.12	1-24	1.38

Notes: e - Partially estimated. Quality of records: good.

Notes: e - Partially estimated. Quality of records: good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 5									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1940	6-25	0.15	3-3	0.09	3-3	0.18	4-19	0.39	4-19	0.56	3-3	0.96	3-3	1.46	3-2	2.01			
1941	6-4	.83	6-4	.44	6-4	.54	6-4	.67	6-4	.75	6-4	.85	6-3	.97	6-3	1.27			
1942	6-7	.22	12-26	.12	12-26	.17	12-26	.23	12-29	.34	12-29	.65	12-28	.99	12-26	2.02			
1943	3-19	.19	3-19	.15	3-19	.25	3-19	.41	3-19	.52	3-19	.68	3-19	.87	3-16	1.68			
1944	8-23	.17	3-6	.10	3-6	.17	3-6	.36	3-6	.53	3-6	.65	3-6	.75	4-8	1.30			
1945	9-23	.32	9-23	.20	9-23	.31	10-1	.47	3-6	.74	3-6	1.18	3-6	1.53	3-2	2.69			
1946	7-21	.37	7-11	.30	6-28	.42	6-28	.49	6-28	.53	6-28	.56	6-16	.71	6-16	1.36			
1947	6-6	.18	6-6	.11	6-6	.16	6-6	.28	1-30	.35	1-30	.46	1-30	.60	5-21	1.30			
1948	4-11	.20	4-11	.16	4-11	.25	4-11	.45	4-11	.59	4-11	.75	4-11	1.53	4-11	2.91			
1949	1-27	.06	1-27	.06	1-27	.10	1-27	.21	1-27	.33	1-27	.57	1-26	.70	1-23	1.61			
1950	9-1	.21	5-25	.16	5-25	.26	5-25	.48	5-25	.55	1-6	.67	1-6	.78	1-6	1.88			
1951	2-21	.07	2-21	.06	1-4	.12	1-3	.29	1-3	.49	1-3	.80	1-3	1.07	2-16	1.54			
1952	1-26	.20	1-26	.16	1-26	.25	1-26	.58	1-26	1.04	1-26	1.44	1-26	1.83	1-26	2.63			
1953	1-17	.06	1-17	.06	1-17	.10	1-17	.20	1-17	.28	1-17	.35	1-17	.41	1-17	.69			
1954	10-15	.03	10-15	.03	10-15	.06	10-15	.11	10-15	.15	10-15	.17	12-28	.24	12-28	.58			
1955	3-4	.08	3-4	.07	3-4	.13	3-21	.23	3-21	.30	3-21	.38	3-21	.52	3-1	1.08			
1956	2-25	.19	2-25	.16	2-25	.27	2-25	.55	2-25	.67	2-25	.79	2-25	.92	5-27	1.57			

Notes: e - Partially estimated. Quality of records: fair.

Notes: e - Partially estimated. Quality of records: fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO				WATERSHED 92						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	1-30	0.08	4-18	0.13	3-12	0.23	4-18	0.40	1-30	0.62	4-18	0.78	4-15	1.55
1940	4-20	.14	4-19	.23	4-19	.44	4-19	.61	3-3	.94	3-2	1.41	3-2	2.01
1941	6-4	.50	6-4	.47	6-4	.64	6-4	.74	6-4	.86	6-3	1.01	6-3	1.34
1942	12-26	.12	12-26	.13	12-29	.21	12-29	.42	12-29	.75	12-29	1.26	12-26	2.44
1943	3-19	.20	3-19	.22	3-19	.46	3-19	.59	3-19	.76	3-19	.96	3-16	1.87
1944	3-6	.10	3-6	.16	3-6	.36	3-6	.55	3-6	.68	3-6	.81	4-8	1.30
1945	10-2	.29	10-1	.39	10-1	.60	3-6	.89	3-6	1.37	3-6	1.76	3-2	3.01
1946	6-28	.49	7-11	.51	7-11	.60	6-16	.69	6-16	.80	6-16	.92	6-16	1.69
1947	6-6	.16	6-6	.20	6-6	.36	6-6	.45	6-6	.56	6-6	.74	5-21	1.68
1948	4-11	.23	4-11	.32	2-13	.62	2-13	.86	4-13	1.01	4-11	1.86	4-11	3.41
1949	1-27	.06	1-27	.11	1-27	.23	1-27	.36	1-27	.50	1-26	.77	1-23	1.70
1950	5-25	.11	5-25	.19	5-25	.37	1-6	.49	1-6	.69	1-5	.84	12-2	2.04
1951	2-21	.06	1-4	.11	1-3	.27	1-3	.47	1-3	.80	1-3	1.14	2-16	1.77
1952	1-26	.19	1-26	.29	1-26	.69	1-26	1.23	1-26	1.60	1-25	2.16	1-22	2.88
1953	1-17	.06	1-17	.10	1-17	.22	1-17	.31	1-17	.38	1-17	.46	1-17	.80
1954	10-15	.03	10-15	.06	10-15	.12	10-15	.16	10-15	.18	12-28	.30	12-28	.61
1955	3-4	.09	3-4	.15	3-4	.26	3-21	.34	3-21	.44	2-21	.59	2-19	1.18
1956	2-25	.24	2-25	.34	2-25	.71	2-25	.81	2-25	.92	2-24	.97	2-25	1.35
Notes: Quality of records: fair.														

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCKTON, OHIO				WATERSHED 94								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	1-30	0.11	4-18	0.06	4-18	0.11	4-18	0.22	4-18	0.38	4-18	0.53	4-18	0.71	4-15	1.32
1940	4-20	.17	4-19	.16	4-19	.28	4-19	.51	4-19	.69	3-3	.99	3-3	1.36	3-2	2.04
1941	6-4	.44	6-4	.34	6-4	.53	6-4	.70	6-4	.80	6-4	.89	6-4	1.07	6-3	1.45
1942	6-20	.11	6-20	.08	6-20	.12	12-30	.20	1-29	.38	12-29	.75	1-29	1.13	12-26	2.19
1943	3-19	.25	3-19	.23	3-19	.39	3-19	.59	3-19	.72	3-19	.91	3-19	1.08	3-16	2.05
1944	3-6	.11	3-6	.10	3-6	.17	3-6	.37	3-6	.55	3-6	.68	3-6	.76	3-4	1.06
1945	9-23	.40	9-23	.33	9-23	.50	9-23	.75	3-6	1.02	3-6	1.50	3-6	1.85	3-2	2.99
1946	7-11	.44	7-11	.40	7-11	.61	7-11	.72	3-6	.76	7-21	.81	7-21	.91	6-16	1.77
1947	6-6	.20	6-6	.18	6-6	.28	6-6	.44	6-6	.52	6-6	.62	6-6	.70	5-21	1.62
1948	4-11	.29	4-11	.25	4-11	.42	4-11	.66	4-11	.81	4-11	.99	4-13	1.67	4-11	3.37
1949	1-27	.07	1-27	.07	1-27	.12	1-27	.24	1-27	.36	1-27	.50	1-27	.71	1-23	1.80
1950	5-25	.15	5-25	.13	5-25	.24	5-25	.43	5-25	.51	1-6	.63	1-6	.79	1-4	1.89
1951	2-21	.07	2-21	.06	1-3	.12	1-3	.28	1-3	.48	1-3	.77	1-3	1.05	2-12	1.89
1952	1-26	.26	1-26	.24	1-26	.42	1-26	.95	1-26	1.65	1-26	2.11	1-26	2.50	1-26	3.23
1953	1-17	.07	1-17	.06	1-17	.11	1-17	.19	1-17	.28	1-17	.35	1-17	.40	1-17	.74
1954	10-15	.03	10-15	.03	10-15	.06	10-15	.12	10-15	.16	10-15	.19	10-15	.23	10-15	.32
1955	3-4	.13	3-4	.12	3-4	.19	3-4	.31	3-4	.39	3-4	.49	3-4	.64	3-4	1.14
1956	2-25	.42	2-25	.36	2-25	.61	2-25	1.05	2-25	1.19	2-25	1.39	2-25	1.42	2-25	1.75

Notes: e - Partially estimated. Quality of records: fair.

Notes: e - Partially estimated. Quality of records: fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO				WATERSHED 95								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	7-8	0.07	4-18	0.06	4-18	0.12	4-18	0.25	4-18	0.43	4-18	0.60	4-17	0.81	4-15	1.56
1940	4-20	.18	4-20	.17	4-19	.27	4-19	.46	4-19	.64	3-3	.93	3-2	1.43	3-2	2.05
1941	6-4	.34	6-4	.30	6-4	.45	6-4	.60	6-4	.70	6-4	.77	6-3	.91	6-3	1.16
1942	6-4	.09	6-4	.07	6-4	.11	12-29	.20	12-29	.37	12-29	.72	12-28	1.12	12-25	2.13
1943	3-19	.21	3-19	.20	3-19	.33	3-19	.53	3-19	.67	3-19	.86	3-19	1.06	3-16	1.97
1944	3-6	.08	3-6	.08	3-6	.15	3-6	.34	3-6	.53	3-6	.67	3-6	.81	4-8	1.43
1945	9-23	.36	9-23	.29	9-23	.46	9-23	.74	3-6	.87	3-6	1.32	3-6	1.68	3-2	2.87
1946	7-11	.30	7-11	.29	7-11	.51	7-11	.64	7-11	.67	6-16	.75	6-16	.88	6-16	1.74
1947	6-6	.18	6-6	.16	6-6	.24	6-6	.38	6-6	.47	6-6	.60	6-6	.80	5-21	1.56
1948	4-11	.25	4-11	.22	4-11	.37	4-11	.58	4-11	.74	4-11	.93	4-11	1.74	4-11	3.24
1949	1-27	.05	1-27	.05	1-27	.10	1-27	.21	1-27	.34	1-27	.49	1-26	.75	1-23	1.68
1950	5-25	.12	5-25	.11	5-25	.20	5-25	.38	5-25	.47	1-6	.64	12-2	.90	12-2	1.90
1951	1-4	.05	1-4	.05	1-4	.10	1-3	.25	1-3	.42	1-3	.59	1-3	1.00	2-12	1.85
1952	1-26	.27	1-26	.26	1-26	.45	1-26	.95	1-26	1.57	1-26	1.98	1-26	2.37	1-26	3.06
1953	1-17	.05	1-17	.05	1-17	.09	1-17	.18	1-17	.27	1-17	.35	1-17	.43	1-17	.73
1954	10-15	.04	10-15	.03	10-15	.07	10-15	.13	10-15	.18	10-15	.22	12-28	.25	12-28	.61
1955	3-4	.09	3-4	.08	3-4	.15	3-4	.27	3-4	.36	3-4	.49	3-4	.63	3-1	1.21
1956	2-25	.30	2-25	.27	2-25	.48	2-25	.82	2-25	.95	2-25	1.07	2-25	1.21	2-25	1.53
Notes:	Quality of records: good.															

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				COSHOCTON, OHIO				WATERSHED 97								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1937	6-21	0.37	6-21	0.35	6-21	0.68	1-24	1.89	1-24	1.99	1-24	2.90	1-24	3.17	1-18	6.77
1938	8-4	.09	3-14	.09	3-14	.16	3-14	.37	3-14	.54	3-14	.73	3-14	1.01	3-13	2.23
1939	7-8	.08	7-8	.07	4-18	.12	4-18	.29	4-18	.49	4-18	.68	4-18	.89	4-15	1.64
1940	6-28	.20	6-28	.19	6-28	.31	4-19	.58	4-20	.84	4-19	1.20	4-19	1.55	4-15	2.13
1941	6-4	.36	6-4	.31	6-4	.49	6-4	.70	6-4	.81	6-4	.91	6-3	1.05	6-3	1.28
1942	6-21	.06	6-21	.06	4-9	.09	12-30	.24	12-30	.42	12-29	.79	12-29	1.26	12-26	2.28
1943	5-30	.20	5-30	.18	5-30	.28	3-19	.51	3-19	.71	3-19	.93	3-19	1.12	3-16	2.08
1944	3-6	.09	3-6	.09	3-6	.17	3-6	.41	3-6	.60	3-6	.80	3-6	.95	4-8	1.55
1945	9-23	.32	9-23	.30	9-23	.54	9-23	.88	3-6	.90	3-6	1.37	3-6	1.94	3-2	3.01
1946	7-11	.21	7-11	.20	7-11	.37	7-11	.52	6-16	.65	6-16	.79	6-16	.91	6-16	1.69
1947	6-7	.11	6-7	.10	6-6	.19	6-6	.40	6-7	.49	6-7	.65	6-7	.75	5-21	1.75
1948	4-11	.15	4-11	.14	4-11	.26	2-13	.66	2-13	.98	2-13	1.14	4-11	1.79	4-11	3.14
1949	1-27	.06	1-27	.06	1-27	.12	1-27	.25	1-27	.40	1-27	.56	1-27	.84	1-23	1.81
1950	9-1	.20	9-1	.15	9-1	.25	5-25	.52	1-6	.64	1-6	.89	1-6	1.08	1-3	2.34
1951	1-4	.07	1-4	.07	1-4	.12	1-3	.33	1-3	.54	1-3	.84	1-3	1.17	1-3	1.60
1952	1-26	.20	1-26	.19	1-26	.35	1-26	.78	1-26	1.36	1-26	1.87	1-26	2.25	1-26	2.93
1953	5-7	.06	5-7	.05	5-7	.10	5-7	.20	1-17	.29	1-17	.38	1-17	.45	1-17	.78
1954	10-15	.03	10-15	.03	10-15	.06	10-15	.12	10-15	.16	10-15	.20	3-29	.30	3-29	.54
1955	3-4	.10	3-4	.11	3-4	.18	3-4	.37	3-4	.49	3-4	.64	3-4	.81	3-1	1.42
1956	2-25	.30	2-25	.29	2-25	.50	2-25	.86	2-25	1.01	2-25	1.12	2-25	1.25	2-25	1.57

Notes: Quality of records: good.

Notes: Quality of records: good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COSHOCTON, OHIO WATERSHED 994									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1936	11-4	0.04	11-4	0.04	11-4	0.07	11-4	0.20	11-4	0.34	11-4	0.51	11-4	0.73	11-4	0.80			
1937	6-21	.15	1-24	.14	1-24	.26	1-24	.72	1-24	1.16	1-24	1.59	1-20	1.90	1-18	4.76			
1938	8-4	.05	8-4	.05	3-13	.10	3-13	.27	3-13	.44	3-13	.63	3-13	.91	3-13	2.00			
1939	4-18	.04	4-18	.04	4-18	.07	1-30	.21	1-30	.35	1-30	.62	1-30	.85	4-15	1.35			
1940	4-20	.07	4-20	.07	4-20	.14	4-20	.37	4-20	.63	4-20	.91	3-3	1.18	4-17	1.90			
1941	6-3	.08	6-3	.07	6-3	.13	6-3	.34	6-3	.47	6-3	.57	6-3	.68	6-3	.89			
1942	4-9	.03	4-9	.03	4-9	.06	4-9	.18	4-9	.32	4-9	.51	4-9	.72	12-24	2.10			
1943	5-30	.07	5-30	.07	5-30	.14	5-30	.33	5-30	.44	5-30	.58	5-30	.78	3-16	1.65			
1944	4-8	.04	4-8	.03	4-8	.07	4-8	.18	4-8	.26	4-8	.35	4-8	.50	4-8	1.38			
1945	10-2	.21	10-2	.21	10-2	.24	3-6	.48	3-6	.87	3-20	.94	3-20	1.56	3-20	2.29			
1946	7-11	.13	6-16	.13	6-16	.24	6-16	.63	6-16	1.00	6-16	1.21	6-16	1.38	6-16	1.78			
1947	6-7	.07	6-7	.07	6-7	.13	6-7	.33	6-7	.52	6-7	.71	6-7	.95	5-21	1.62			
1948	2-14	.09	2-13	.08	2-13	.14	2-13	.41	2-13	.76	4-13	.82	4-13	1.49	4-11	3.25			
1949	1-28	.04	1-28	.04	1-28	.08	1-28	.24	1-28	.40	1-28	.58	1-28	.78	1-23	1.94			
1950	5-25	.09	5-25	.09	5-25	.17	5-25	.42	1-6	.59	12-2	.77	12-2	1.15	1-4	2.53			
1951	1-4	.05	1-4	.05	1-4	.10	1-3	.29	1-3	.53	1-3	.94	2-12	1.07	2-12	2.11			
1952	1-26	.12	1-26	.12	1-26	.23	1-26	.66	1-26	1.25	1-26	1.87	1-26	2.33	1-26	2.96			
1953	1-18	.04	1-18	.04	1-18	.08	1-18	.22	1-18	.35	1-18	.46	1-18	.55	1-18	.85			
1954	10-15	.03	10-15	.03	10-15	.05	10-15	.13	10-15	.19	10-15	.23	3-30	.38	3-29	.67			
1955	3-4	.06	3-4	.05	3-4	.11	3-4	.30	2-22	.38	2-22	.50	2-22	.70	2-28	1.47			
1956	2-25	.19	2-25	.19	2-25	.32	2-25	.78	2-25	1.03	2-25	1.20	2-25	1.43	5-27	1.72			

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through October 31.

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through October 31.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																HAMILTON, OHIO WATERSHED W - I															
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																												
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days																
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.															
p 1938	11-18	0.05	11-18	0.03	11-18	0.04	11-18	0.06	11-18	0.08	11-18	0.13	11-18	0.19	11-18	0.24															
1939	7-4	.49	7-4	.28	7-4	.38	7-4	.52	4-15	.79	4-15	1.47	4-15	2.05	4-15	2.64															
1940	4-19	.17	4-19	.17	4-19	.32	4-19	.86	4-19	1.38	4-19	1.67	4-19	2.45	4-17	3.07															
1941	12-23	.09	12-23	.07	12-23	.13	12-23	.29	12-23	.39	12-23	.49	12-23	.57	12-23	.81															
1942	9-7	.31	9-7	.21	9-7	.33	9-7	.51	2-6	.52	2-6	.89	2-6	1.13	12-22	1.92															
1943	7-7	.54	3-19	.32	3-19	.52	3-19	1.10	3-19	1.91	3-19	2.17	3-19	2.30	3-12	3.39															
p 1944	4-11	.16	4-11	.13	4-11	.24	4-11	.50	4-11	.70	4-11	.75	4-11	.85	4-7	1.78															

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through October 3, 1938 and June 15 through December 1944.

Notes: e - Partially estimated. Quality of records: good.

p - Station not in operation January through October 3, 1938 and June 15 through December 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HAMILTON, OHIO WATERSHED W-II												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1938	9-13	3.45	9-13	0.91	9-13	0.96	9-13	1.02	9-13	1.05	9-13	1.17	9-13	2.17	9-10	2.72
1939	4-15	.43	4-15	.32	4-15	.43	4-15	.81	4-15	1.27	4-15	1.87	4-15	2.45	4-15	2.71
1940	6-8	.70	4-19	.31	4-19	.60	4-19	1.65	4-19	2.25	4-19	2.98	4-19	3.50	4-17	3.82
1941	12-23	.52	12-23	.43	12-23	.64	12-23	1.17	12-23	1.32	12-23	1.36	12-23	1.41	12-23	1.49
1942	1-1	.43	1-1	.28	1-1	.38	1-1	.57	2-6	.89	2-6	1.07	2-5	1.17	12-22	1.89
1943	7-6	2.17	3-19	.60	3-19	1.00	3-19	1.90	3-19	2.30	3-19	2.89	3-19	2.93	3-12	3.99
1944	4-9	.40	4-9	.24	4-9	.28	4-9	.33	4-9	.40	4-9	.52	4-9	.68	4-7	1.57

Notes: e - Partially estimated. Quality of records: good.
p - Station not in operation January through June 28, 1938 and June 14 through December 1944.

Notes: e - Partially estimated. Quality of records: good.

p - Station not in operation January through June 28, 1938 and June 14 through December 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HAMILTON, OHIO WATERSHED W - III									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1938	9-14	0.56	9-14	0.37	9-14	0.54	9-14	0.65	9-14	0.65	9-14	0.65	9-14	0.65	9-13	0.83	9-9	1.31	
1939	4-15	.38	4-15	.33	4-15	.49	4-15	.87	4-15	1.50	4-15	1.76	4-15	2.49	4-15	2.49	4-14	2.71	
1940	4-19	.42	4-19	.40	4-19	.70	4-19	1.81	4-19	2.43	4-19	3.04	4-19	3.63	4-19	3.63	4-17	3.87	
1941	5-16	.37	5-16	.32	5-16	.40	5-16	.44	5-16	.44	5-16	.44	5-16	.44	12-23	.63	12-23	.65	
1942	11-17	.36	11-17	e .28	11-17	e .43	11-17	e .58	2-6	.87	2-6	.99	2-6	.99	2-5	1.16	2-4	1.40	
1943	6-10	1.16	6-10	e .49	3-19	e .70	3-19	e 1.68	3-19	e 2.05	3-19	2.76	3-19	2.77	3-19	2.77	3-12	3.48	
p 1944	4-11	.18	4-11	e .16	4-11	e .24	4-11	e .37	4-11	e .43	4-11	.47	4-11	.53	4-11	.53	4-7	.88	

Notes:
e - Partially estimated. Quality of records: good.
p - Station not in operation January through July 21, 1938 and June 15 through December 1944.

Notes: e - Partially estimated. Quality of records: good.

p - Station not in operation January through July 21, 1938 and June 15 through December 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HAMILTON, OHIO		WATERSHED W - IV				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1938	5-21	1.18	5-21	0.71	5-21	0.91	5-21	0.96	7-31	0.98	7-31	1.12	7-31	1.12	5-19	1.49
1939	6-18	.46	4-15	.36	4-15	.50	4-15	1.01	4-15	1.75	4-15	2.39	4-15	3.02	4-15	3.23
1940	6-10	.46	4-19	.28	4-19	.51	4-19	1.34	4-19	2.01	4-19	2.72	4-19	3.43	4-17	3.92
1941	10-6	1.02	10-6	.32	12-23	.40	12-23	.76	12-23	.87	12-23	.88	12-23	.91	12-23	.94
1942	11-17	.65	11-17	.51	11-17	.59	2-6	.62	2-6	1.12	2-6	1.35	2-5	1.62	2-4	2.03
1943	7-29	1.14	3-19	e .41	3-19	e .52	3-19	e 1.08	3-19	e 1.95	3-19	2.88	3-18	3.00	3-12	3.89
p 1944	4-11	.62	4-11	e .28	4-11	e .34	4-11	e .48	4-11	e .70	3-4	e .75	3-4	e .75	3-4	e 1.33

Notes:
e - Partially estimated. Quality of records: good.
p - Station not in operation January through May 11, 1938 and June 14 through December 1944

Notes:

e - Partially estimated. Quality of records: good.

p - Station not in operation January through May 11, 1938 and June 14 through December 1944

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ZANESVILLE, OHIO					Cultivated Watershed				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	8-2	2.10	8-2	0.69	8-16	0.90	8-16	1.35	8-16	1.73	8-16	1.73	8-16	1.73	8-16	1.73			
1935	8-10	3.89	8-7	.82	8-7	1.26	8-7	1.40	8-7	1.46	8-7	1.46	8-7	1.46	8-3	2.73			
1936	7-4	e 11.70	7-4	e 1.30	7-4	e 1.30	7-4	e 1.30	7-4	e 1.30	7-4	e 1.30	7-4	e 1.30	11-1	2.03			
1937	6-21	3.49	6-21	.74	1-24	.94	1-24	1.21	1-24	2.00	1-24	2.08	1-20	2.45	1-20	5.01			
1938	6-26	1.07	6-26	.25	6-26	.30	6-26	.33	3-13	.45	3-13	.79	3-13	.79	3-13	1.25			
1939	7-4	1.63																	
1940	6-28	1.62																	
1941	8-30	1.06																	
1942	3-13	1.13																	
Notes: e - Partially estimated. Quality of records: good. Detailed records for 1939-1942 period not available.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ZANESVILLE, OHIO Pasture Watershed									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	8-16	0.28	8-16	0.15	8-16	0.18	8-16	0.19	8-16	0.19	8-2	0.23	8-2	0.23	8-2	0.23			
1935	8-10	2.00	8-7	.60	8-7	.90	8-7	.99	8-7	.99	8-7	.99	8-7	.99	8-3	1.55			
1936	7-4	1.55	7-4	.27	7-4	.27	7-4	.27	7-4	.27	7-4	.27	11-1	.50	11-1	1.66			
1937	6-21	1.90	6-21	.53	6-21	.58	1-24	1.07	1-24	1.77	1-24	2.02	1-20	2.07	1-20	4.37			
1938	6-26	1.09	6-26	.28	6-26	.35	9-12	.44	3-13	.49	3-13	.84	3-13	.84	3-13	1.21			
1939	7-4	1.62																	
1940	6-28	.82																	
1941	7-18	1.36																	
1942	4-8	.16																	

Notes: e - Partially estimated. Quality of records: good. Detailed records for 1939-1942 period not available.

Notes: e - Partially estimated. Quality of records: good. Detailed records for 1939-1942 period not available.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ZANESVILLE, OHIO Wooded Watershed									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	9-29	T	9-29	T	9-29	T	9-29	T	9-29	T	9-29	T	9-29	T	9-29	T			
1935	5-5	.07	5-2	.08	5-2	.14	5-6	.30	5-6	.32	5-2	.39	5-2	.39	5-2	.79			
1936	4-2	.01	4-5	.05	4-5	.09	4-5	.16	4-5	.16	4-5	.16	4-5	.16	11-1	.18			
1937	6-21	.58	6-21	.30	6-21	.38	1-24	.53	1-24	.96	1-24	1.57	1-24	1.82	1-20	2.85			
1938	3-13	T	3-13	.01	3-13	.02	3-13	.06	3-13	.11	3-13	.21	3-13	.21	3-13	.35			
1939	6-22	.08																	
1940	4-17	.19																	
1941	7-18	T																	
1942	3-13	.05																	

Notes: Quality of records: good. Detailed records for 1939-1942 period not available.

Notes: Quality of records: good. Detailed records for 1939-1942 period not available.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										COLBY, WISCONSIN				Watershed W-1			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1949	7-28	.08	7-28	.07	7-28	.12	7-28	.24	7-28	.27	7-28	.28	7-27	.32	7-27	.35	
1950	5-9	.03	5-9	.03	5-9	.06	5-9	.13	5-9	.18	5-9	.20	5-9	.21	7-19	.36	
1951	7-4	.13	7-4	.13	7-4	.24	7-4	.55	7-4	.74	7-3	.87	7-3	.92	7-3	1.25	
1952	8-3	.06	8-3	.05	8-3	.10	8-3	.28	8-3	.38	8-3	.41	8-3	.41	8-3	.41	
1953	7-28	.06	7-28	.06	7-28	.10	7-28	.21	7-28	.28	7-28	.30	7-28	.31	7-28	.34	
1954	4-27	.09	4-27	.09	4-27	.17	4-27	.40	10-14	.66	10-14	.95	10-13	1.07	4-26	1.38	
1955	6-8	.02	6-8	.02	6-8	.03	6-8	.08	6-8	.13	6-8	.19	6-8	.29	6-3	.54	
1956	5-13	.15	5-13	.11	6-26	.19	6-26	.41	6-26	.54	6-26	.82	6-26	.88	6-20	.93	

Notes: Quality of records: Excellent. Records from April 23 through Dec. 1. Station not in operation during rest of year.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Coon Valley, Wisconsin				Watershed No. 1 *			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
1934	7-26	0.04	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1935	7-26	0.04	7-26	0.04	7-26	0.07	7-26	0.17	7-26	0.20	7-26	0.22	7-26	0.23	7-19	0.34	
1935	8-6	.16	8-6	.29	8-6	.29	8-6	.52	8-5	.56	8-2	.60	8-2	.72	8-2	1.46	
1936	3-10	.03	3-10	.03	3-10	.06	3-10	.14	3-10	.22	3-10	.30	3-10	.38	3-16	.68	
1937	3-6	.02	3-6	.02	3-6	.03	3-6	.08	3-6	.12	3-6	.16	3-5	.23	3-4	.42	
1938	9-10	.06	9-10	.05	9-10	.10	9-10	.23	9-10	.29	9-10	.33	9-8	.39	9-6	.92	
1939	3-19	.02	3-19	.02	3-19	.03	3-19	.06	3-19	.09	3-19	.11	3-19	.17	3-14	.42	
1940	8-14	.07	8-14	.06	8-2	.12	8-1	.20	8-1	.24	8-1	.26	8-1	.27	8-1	.43	

Notes: * Listed in U. S. Geological Survey, Water Supply Papers as Coon Creek at Coon Valley, Wisconsin.
e - Partially estimated. Quality of records; Good. Records began April, 1934 and ended Sept. 1940.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				Coon Valley, Wisconsin				Watershed No. 2 *						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1934	7-6	0.03	7-6	0.03	7-6	0.14	4-3	0.26	4-2	0.45	4-2	0.57	4-1	0.72
1935	8-6	.09	8-6	.17	8-6	.41	8-6	.60	8-5	.74	8-5	.79	8-2	1.33
1936	3-10	.02	3-10	.05	3-10	.13	3-10	.23	3-10	.34	3-10	.47	3-10	.76
1937	3-6	.01	3-6	.02	3-6	.05	3-6	.10	3-6	.16	3-5	.26	3-5	.48
1938	9-12	.02	9-12	.03	9-12	.10	9-12	.18	9-11	.27	9-11	.34	9-6	.92
1939	3-19	.01	3-19	.02	3-19	.07	3-19	.12	3-19	.15	3-19	.24	3-19	.62
1940	8-2	.02	8-2	.04	8-2	.10	8-2	.19	8-2	.28	8-2	.33	8-2	.51
1941	9-16	.02	9-16	.05	9-16	.14	9-15	.19	9-15	.24	9-15	.27	3-24	.53
1942	6-7	.03	6-7	.06	6-7	.15	6-28	.26	6-28	.43	6-28	.52	6-2	.71
1943	3-26	.01	3-26	.02	3-25	.06	3-25	.11	3-25	.17	3-24	.31	3-23	.59
1944	2-22	.02	2-22	.05	2-22	.13	2-22	.22	3-11	.36	3-11	.43	2-22	.76
1945	5-22	.03	5-22	.05	5-22	.14	5-21	.25	5-21	.38	3-13	.46	3-11	.91
1946	1-6	.03	1-6	.05	1-5	.16	1-5	.26	1-5	.39	1-5	.46	3-5	.83
1947	6-29	.05	6-29	.09	6-29	.24	6-29	.39	6-28	.48	6-28	.57	6-27	.78
1948	3-19	.02	3-19	.04	2-28	.10	2-27	.17	2-27	.22	3-18	.27	3-14	.71
1949	3-22	.01	3-22	.02	3-22	.05	3-22	.09	3-22	.13	3-21	.16	3-21	.35
1950	3-7	.02	3-7	.04	3-7	.11	3-7	.18	3-7	.26	3-6	.42	3-2	.70
1951	10-3	.01	10-3	.02	10-3	.06	10-3	.11	10-3	.15	10-3	.19	4-6	.45
1952	7-20	.02	7-20	.05	7-20	.14	7-20	.26	7-20	.39	7-19	.45	3-29	.79
1953	4-10	.01	4-10	.02	4-10	.04	4-10	.07	4-9	.12	3-17	.17	3-16	.47
1954	7-3	.02	7-3	.05	7-3	.13	7-3	.22	7-3	.29	7-3	.34	7-3	.51
1955	6-2	.04	6-2	.08	6-2	.22	6-2	.35	6-2	.54	6-2	.72	6-2	.96
1956	4-2	.04	4-2	.07	4-2	.20	4-2	.36	4-2	.59	4-2	1.00	3-31	1.30

Notes: * Listed in U. S. Geological Survey, Water Supply Papers as Little LaCrosse River near Leon, Wisconsin
 e - Partially estimated. Quality of records; Good. Records began April, 1934

9/57

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				FENNIMORE, WISCONSIN				Watershed W-1								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	9-13	0.14	9-13	0.11	9-13	0.16	9-13	0.21	9-13	0.22	9-13	0.23	9-7	0.28	9-6	0.62
1939	5-27	.02	5-7	.01	5-7	.01	5-7	.01	5-7	.02	5-7	.03	5-7	.04	5-7	.06
1940	7-26	.87	7-26	.56	7-26	.76	7-26	.81	7-26	.82	7-26	.83	7-26	.83	7-26	.85
p	1941	5-28	.16	5-28	.10	3-3	.15	3-3	.18	3-3	.20	3-3	.20	3-3	5-26	.20
1942	9-18	.06	9-18	.05	9-18	.08	9-18	.10	9-18	.15	9-18	.16	9-18	.18	9-18	.27
1943	8-12	.91	8-12	.39	8-12	.45	8-12	.47	8-12	.48	8-12	.58	8-12	.68	8-12	.77
p	1944	6-22	.51	6-22	.29	6-22	.33	3-14	.40	3-14	.50	3-14	.58	3-14	3-14	1.10
1945	6-28	1.01	6-28	.42	6-28	.47	6-28	.49	6-28	.50	6-28	.54	6-28	.58	6-28	.71
p	1946	3-5	.30	3-5	.25	3-5	.35	3-5	.75	1-5	1.13	1-5	1.30	1-5	3-5	1.80
1947	6-28	.53	6-13	.30	6-12	.48	6-12	.68	6-12	.72	6-12	.75	6-12	.78	6-12	.87
p	1948	2-27	.32	2-27	.26	2-27	.40	2-27	.95	2-27	1.35	2-27	1.55	2-27	2-24	1.70
1949	6-24	.72	6-24	.37	6-24	.42	3-4	.45	3-4	.52	1-15	.54	1-15	.54	1-8	1.73
1950	7-15	1.04	7-15	0.83	7-15	1.27	7-15	2.61	7-15	2.69	7-15	2.69	7-15	2.69	7-15	2.86
1951	8-6	1.69	8-6	1.13	8-6	1.53	8-5	1.83	8-5	1.85	8-5	1.86	8-5	1.88	8-5	2.04
1952	7-19	.05	7-19	.03	7-19	.05	3-14	.18	3-14	.22	3-14	.28	3-14	.28	3-16	.50
p	1953	3-14	.72	3-14	.08	3-14	.12	3-14	.97	3-14	.99	6-21	1.03	6-20	3-9	.37
1954	6-21	.11	6-21	.38	6-21	.60	6-21	.36	6-21	.46	6-21	.58	6-20	1.13	6-20	1.22
1955	2-20	.11	2-20	.10	2-20	.18	2-20	.36	2-19	.46	2-19	.58	2-19	.59	2-19	.60
1956	3-2	.11	3-2	.11	3-2	.20	3-2	.39	3-1	.42	2-29	.75	2-29	.75	2-29	1.12

Notes: e - Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began July 5, 1938. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on data from subwatersheds.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FENNIMORE, WISCONSIN				Watershed W-2				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	9-13	0.18	9-13	0.09	9-13	0.10	9-13	0.11	9-13	0.11	9-7	0.16	9-7	0.16	9-7	0.28		
1939	1-5	.01	1-5	.01	1-5	.01	1-5	.02	1-5	.04	1-4	.05	1-4	.05	1-4	.05		
1940	8-3	1.03	7-26	.36	7-26	.43	7-26	.44	7-26	.44	7-26	.44	7-26	.44	7-26	.44		
1941	3-3	.14	3-3	.11	3-3	.16	3-3	.19	3-3	.19	3-3	.19	3-3	.19	3-3	.19		
1942	9-18	.23	9-18	.08	9-18	.08	9-18	.14	9-18	.15	9-18	.15	9-18	.15	9-18	.15		
1943	6-3	.85	8-12	.14	3-15	.19	3-15	.21	3-15	.22	3-15	.23	3-15	.25	3-15	.25		
1944	6-22	e	6-22	.54	6-22	.54	6-22	.54	6-22	.54	6-22	.54	6-22	.54	6-15	1.06		
1945	6-28	2.68	6-28	.61	6-28	.61	6-28	.61	6-28	.61	6-28	.62	6-28	.62	6-28	.62		
1946	1-5	.25	1-5	.23	1-5	.41	1-5	.88	1-5	1.28	1-5	1.35	1-5	1.35	3-5	1.90		
1947	6-28	.59	6-28	.20	6-28	.20	6-28	.20	2-14	.23	2-14	.34	2-13	.49	2-13	.56		
1948	2-27	.31	2-27	.26	2-27	.41	2-27	.95	2-27	1.37	2-27	1.56	2-27	1.56	2-24	1.73		
1949	6-24	.73	6-24	.23	6-24	.23	1-15	.40	1-15	.47	1-15	.47	1-15	.47	1-4	.67		
1950	7-15	1.56	7-15	.73	7-15	1.12	7-15	2.25	7-15	2.26	7-15	2.26	7-15	2.26	7-15	2.32		
1951	8-6	2.14	8-6	1.39	8-6	1.72	8-5	1.78	8-5	1.78	8-5	1.78	8-5	1.78	8-5	1.78		
1952	3-14	.14	3-14	.10	3-14	.17	3-14	.26	3-14	.30	3-10	.15	3-10	.25	1-16	.40		
1953	6-21	.93	6-21	.31	6-21	.42	6-21	.54	6-21	.54	3-14	.35	3-14	.35	3-10	.42		
1954	2-20	.07	2-20	.07	2-20	.13	2-20	.30	2-19	.45	6-20	.55	6-20	.55	6-20	.55		
1955	6-21	.12	3-2	.08	3-2	.15	3-1	.25	3-1	.26	2-19	.45	2-19	.45	2-19	.45		
p 1956	6-21		3-2		3-2		3-1		3-1		3-1	.40	2-29	.55	2-29	.60		

Notes: e - Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began July 16, 1936. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

Notes: e - Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began July 16, 1938. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FENNIMORE, WISCONSIN										Watershed W-3			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days								
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
1938	9-13	0.27	9-13	0.14	9-13	0.16	9-13	0.17	9-13	0.17	9-13	0.17	9-7	0.18	9-7	0.36							
1939	1-5	.02	1-5	.01	1-5	.02	1-5	.04	1-5	.05	1-5	.05	1-5	.05	1-5	.06							
1940	7-26	.80	7-26	.41	7-26	.52	7-26	.53	7-26	.53	7-26	.53	7-26	.53	7-26	.53							
p 1941	5-28	.15	3-3	.10	3-3	.15	3-3	.17	3-3	.17	3-3	.17	3-3	.17	3-3	.17							
	9-18	.13	9-18	.04	9-18	.04	9-18	.05	9-18	.08	9-18	.08	9-18	.08	9-18	.08							
	8-12	1.13	8-12	.37	8-12	.38	8-12	.38	8-12	.38	8-12	.47	8-12	.48	8-12	.48							
	6-22	1.23	6-17	.33	6-17	.35	6-17	.35	3-14	.40	3-14	.50	3-14	.50	3-14	.79							
	6-28	1.63	6-28	.38	6-28	.39	6-28	.39	6-28	.39	6-28	.39	6-28	.39	6-28	.39							
1946	1-5	.20	1-5	.19	1-5	.34	1-5	.76	1-5	1.15	1-5	1.25	1-5	1.25	3-5	1.63							
1947	6-28	1.07	6-28	.30	6-28	.32	6-12	.36	6-12	.36	6-12	.36	6-12	.36	6-12	.36							
1948	2-27	.33	2-27	.26	2-27	.41	2-27	.95	2-27	1.31	2-27	1.44	2-27	1.44	2-24	1.63							
1949	6-24	.48	6-24	.20	6-24	.21	3-4	.54	3-4	.54	3-4	.63	3-4	.63	1-4	.72							
1950	7-15	1.30	7-15	.84	7-15	1.19	7-15	2.38	7-15	2.38	7-15	2.38	7-15	2.38	7-15	2.54							
1951	8-6	1.40	8-6	1.01	8-6	1.32	8-5	1.44	8-5	1.44	8-5	1.44	8-5	1.44	8-5	1.44							
1952	7-19	.05	7-19	.03	7-19	.04	3-14	.15	3-14	.23	3-10	.15	3-10	.20	1-16	.35							
1953	3-14	.10	3-14	.08	3-14	.11	1-15	.15	3-14	.23	3-14	.27	3-14	.30	3-9	.38							
1954	6-21	1.13	6-21	.42	6-21	.62	6-21	.86	6-21	.87	6-21	.87	6-20	.92	6-20	.92							
1955	3-3	.09	3-3	.08	3-3	.16	2-20	.34	2-19	.40	2-19	.40	3-2	.41	3-2	.41							
1956	3-1	.09	3-1	.09	3-2	.16	3-1	.27	3-1	.28	3-1	.41	2-29	.56	2-29	.62							

Notes: e - Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began July 16, 1936. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

Notes: e - Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began July 16, 1938. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										FENNIMORE, WISCONSIN				Watershed W-4			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	9-13	0.16	9-13	0.11	9-13	0.15	9-13	0.18	9-13	0.18	9-13	0.18	9-7	0.26	9-6	0.51	
1939	6-21	.02	6-21	.01	6-21	.01	6-21	.01	6-21	.01	6-21	.01	6-21	.01	6-21	.01	
1940	7-26	1.01	7-26	.68	7-26	.93	7-26	.96	7-26	.96	7-26	.96	7-26	.96	7-26	.96	
p 1941	5-28	.25	5-28	.13	3-3	e	3-3	.20	3-3	e	3-3	e	3-3	e	3-3	e	
1942	9-18	.11	9-18	.06	9-18	.07	9-18	.08	9-18	.10	9-18	.11	9-18	.11	9-13	.11	
1943	8-12	1.21	8-12	.41	8-12	.43	8-12	.43	8-12	.43	8-12	.57	8-12	.61	8-12	.61	
1944	6-22	.72	6-22	.30	6-22	.33	3-14	e	3-14	e	3-14	e	3-14	e	3-14	e	
1945	6-28	1.31	6-28	.44	6-28	.46	6-28	.47	6-28	.47	6-28	.50	6-28	.51	6-23	.53	
1946	3-5	.32	3-5	.25	3-5	.38	3-5	.74	1-5	e	1-5	e	1-5	e	3-5	1.80	
1947	6-28	.51	6-12	.33	6-12	.53	6-12	.71	6-12	.71	6-12	.71	6-12	.71	6-12	.71	
1948	2-27	.33	2-27	.27	2-27	.43	2-27	.99	2-27	1.42	2-27	1.60	2-27	1.61	2-24	1.87	
1949	6-24	1.00	6-24	.43	6-24	.46	3-4	.63	3-4	e	3-4	e	3-4	e	3-4	e	
1950	7-16	1.07	7-16	.92	7-15	1.37	7-15	2.82	7-15	2.86	7-15	2.86	7-15	2.86	7-15	2.99	
1951	8-6	1.76	8-6	1.11	8-6	1.48	8-5	1.71	8-5	1.72	8-5	1.72	8-5	1.72	8-5	1.72	
1952																	
1953	3-14	.08	3-14	.08	3-14	.12	3-14	.18	3-14	.21	3-14	.26	3-14	.30	1-16	.50	
1954	6-21	.62	6-21	.37	6-21	.59	6-21	.96	6-21	.97	6-21	1.01	6-20	1.11	6-20	1.11	
p 1955	2-20	.13	2-20	.12	2-20	.20	2-20	.34	2-19	e	2-19	e	2-19	e	3-3	e	
1956	3-2	.11	3-2	.11	3-2	.20	3-2	.39	3-2	.42	3-1	.52	3-1	.72	2-29	1.11	

Notes: e-Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began June 21, 1938. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

Notes: e-Partially estimated. Quality of records; Excellent except for those that are partially estimated which are fair. Records began June 21, 1938. p - Station not in operation during Jan., Feb., Mar., estimated runoff based on comparison with other watersheds.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LaCrosse, Wisconsin Watershed UPW									
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour			2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1933	7-1	0.55	0.16	1-22	0.32	1-22	0.60	1-22	0.60	1-22	0.60	1-22	0.60	1-22	0.60				
1934	7-5	2.79	.74	7-5	.94	7-5	.95	*	0.60	1-22	0.60	1-22	0.60	1-22	0.60				
1935	8-5	2.11	.71	8-5	.73	8-5	.73	8-5	.73	8-5	.73	8-5	.73	8-1	1.18				
1936	10-3	1.12	.33	10-3	.33	*	.48	*	.48	3-9	.90	3-9	0.60	3-9	0.60				
1937	6-19	2.19	.48	6-19	.48	6-19	.48	6-19	.48	6-19	.48	6-19	.48	6-19	.48				
1938	9-9	2.06	.63	9-9	.64	8-16	.86	8-16	.86	8-16	.86	8-16	.86	9-6	.92				
1939	8-21	.17	.10	3-12	.20	3-12	.44	3-12	.57	3-12	.57	3-11	.84	3-11	1.45				
1940	8-16	.73	.37	8-16	.37	8-16	.37	8-16	.37	8-16	.37	8-16	.37	8-16	.37				
1941	9-15	2.23	.42	9-15	.54	9-15	.72	9-15	.72	9-15	.72	9-15	.72	9-15	.72				
1942	8-8	1.74	.33	6-28	.45	6-28	.55	6-28	.56	6-28	.56	9-18	.59	9-18	.59				
1943	*		*	*		*		*		*		*		3-15	.25				
1944	6-22	.62	.09	7-31	.40	7-31	.40	7-31	.40	7-31	.40	3-23	.50	3-15	.25				
1945	7-31	1.89	.40	7-31	.40	7-31	.40	7-31	.40	7-31	.40	3-12	.45	2-21	.90				
1946	9-9	.21	*	*		*		*		*		*		3-10	.80				
														1-5	.65				
1950	6-13	2.95	.97	6-13	.97	6-13	.97	6-12	1.00	6-12	1.00	6-12	1.00	6-9	1.06				
1951	7-21	1.37	.45	7-21	.45	7-21	.45	7-21	.45	7-21	.45	7-21	.45	7-21	.45				
1952	7-19	3-74	2.29	7-19	2.68	7-19	2.68	7-19	2.68	7-19	2.68	7-19	2.68	7-19	2.68				
1953	7-4	2.04	.64	7-4	.65	7-4	.65	7-4	.65	7-4	.65	7-4	.65	7-4	.66				
1954	4-30	1.81	.68	4-30	.68	4-30	.68	4-30	.68	4-30	.68	4-30	.68	4-30	.68				
1955	7-8	.12	.05	7-8	.05	7-8	.05	7-8	.05	7-8	.05	7-8	.05	7-8	.05				

Notes: Records began June 23, 1932, ended December 31, 1955. a - Estimated from rainfall and/or comparison with plot data. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair. No records in 1947-48-49.

Notes: Records began June 23, 1932, ended December 31, 1955. a - Estimated from rainfall and/or comparison with plot data. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair. No records in 1947-48-49.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LaCrosse, Wisconsin				Watershed UCV			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	5-28	1.92	7-1	0.25	7-1	0.34	7-1	0.51	1-22	0.70	3-29	0.10	3-29	0.10	3-29	0.10	
1934	7-5	3.34	7-5	0.78	7-5	0.94	7-5	0.94	7-5	0.94	7-5	0.94	7-5	0.94	7-5	0.94	
1935	7-5	2.94	7-5	0.85	7-5	0.90	7-5	0.90	7-5	0.90	8-2	0.10	8-2	0.10	8-2	0.10	
1936	5-22	3.88	5-22	0.78	5-22	0.79	5-22	0.81	5-22	0.90	3-9	0.10	3-9	0.10	3-9	0.10	
1937	6-19	3.94	6-19	1.14	6-19	1.19	6-19	1.20	6-19	1.20	6-19	1.20	6-19	1.20	6-19	1.20	
1938	7-21	0.40	7-5	0.75	7-5	0.76	9-9	0.79	9-9	0.81	9-9	0.81	7-5	1.07	9-6	1.67	
1939	8-20	0.44	8-20	0.22	8-20	0.39	8-20	0.90	8-20	1.02	8-20	1.02	8-20	1.02	8-20	1.02	
1940	8-16	0.50	8-16	0.55	8-16	0.55	8-16	0.55	*	*	3-29	0.95	3-29	0.95	3-28	0.81	
1941	9-15	1.60	9-15	0.30	9-15	0.40	9-15	0.55	9-15	0.55	9-15	0.55	9-15	0.55	9-8	0.61	
1942	9-18	1.84	9-18	0.42	9-18	0.43	9-18	0.44	9-18	0.44	9-18	0.72	9-18	0.86	9-18	0.86	
1943	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3-15	0.10	
1944	6-22	0.30	6-22	0.80	6-22	0.80	6-22	0.80	6-22	0.80	6-22	0.80	6-22	0.80	6-22	0.80	
1945	7-31	3.27	7-31	0.75	7-31	0.75	5-21	1.10	5-21	1.61	5-21	1.78	5-20	1.80	5-20	2.28	
1946	9-9	1.95	9-9	0.35	9-9	0.36	*	*	*	*	*	*	*	*	1-5	0.10	

Notes: Records began Jan. 1933, ended Dec. 1946. a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: Good except those estimated which are fair.

Notes: Records began Jan. 1933, ended Dec. 1946. a - Estimated from rainfall and/or comparison with plot data.
 e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LaCrosse, Wisconsin				Watershed CW			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1937	6-19	2.86	6-19	0.70	6-19	0.70	6-19	0.70	6-19	0.70	6-19	0.70	3-4	0.80	3-3	0.97	
1938	7-21	4.50	7-21	.79	8-16	1.12	8-16	1.12	8-16	1.12	8-16	1.12	7-5	1.13	7-2	1.79	
1939	8-20	.37	8-21	.19	8-21	.33	8-20	.56	8-20	.58	8-20	.58	3-12	.69	3-11	1.07	
1940	8-16	1.92	8-16	.39	8-16	.39	8-16	.39	8-16	.39	8-16	.39	8-16	.39	3-28	.53	
1941	9-15	2.58	9-15	.50	9-15	.69	9-15	.95	9-15	.95	9-15	.95	9-15	.95	9-8	.99	
1942	9-18	1.75	9-18	.33	9-18	.35	6-28	.47	6-28	.48	9-18	.58	9-18	.69	9-18	.69	
1943	6-22	2.07	6-22	.48	6-22	.48	6-22	.48	6-22	.48	6-22	.48	6-22	.48	6-22	.48	
1944	5-21	.91	5-21	.28	5-21	.31	5-21	.59	5-21	.73	5-21	.78	5-21	.78	5-21	.86	
1946	9-9	.20	9-9	.03	*	.12	3-23	.15	3-23	.15	*	.15	*	.21	1-5	al.50	
1947	7-26	.20	3-23	.09	3-23	.12	3-23	.15	3-23	.15	3-23	.15	4-4	.21	4-1	e.36	
1948	*		*	*	*	*	*	*	*	*	*	*	2-27	al.00	2-27	al.00	
1949	5-5	2.46	5-5	.42	3-23	.52	3-23	.81	3-23	.81	3-23	.81	3-4	.50	3-4	a.50	
1950	7-21	1.34	7-21	.42	7-21	.44	7-21	.48	7-21	.48	7-21	.48	7-21	.48	3-20	al.04	
1951	6-23	4.38	7-19	1.77	7-19	2.01	7-19	2.08	7-19	2.11	7-19	2.12	7-19	2.12	7-19	2.12	
1952	7-4	1.61	7-4	.46	7-4	.47	7-4	.47	7-4	.47	7-4	.47	7-4	.47	7-4	.48	
1953	4-30	1.85	4-30	.74	4-30	.81	4-30	.83	4-30	.83	4-30	.83	4-30	.83	4-30	.83	
1954	7-8	.82	7-8	e.30	7-8	e.34	7-8	e.35	7-8	e.35	7-8	e.35	7-8	e.35	7-8	e.35	
1955	4-2	.08	4-2	.08	4-2	.14	4-2	.33	4-2	.50	4-1	e.75	4-1	e.76	3-26	al.38	
1956	7-21	1.58	7-21	.32	7-21	.32	7-21	.32	7-21	.32	7-21	.32	7-21	.32	7-16	e.40	
1957	6-25	.01	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	
1958																	

Notes: Records began Jan. 1937
a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated.
* Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair

Notes: Records began Jan. 1937 a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	LaCrosse, Wisconsin				Watershed CWA			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																					
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days									
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.								
1952	7-19	3.40	7-19	1.73	7-19	1.98	7-19	2.06	7-19	2.14	7-19	2.16	7-19	2.16	7-19	2.16								
1953	7-4	1.64	7-4	.67	7-4	.71	7-4	.71	7-4	.71	7-4	.71	7-4	.71	7-4	.81								
1954	4-30	1.64	4-30	.73	4-30	.90	4-30	.93	4-30	1.00	4-30	1.00	4-30	1.00	4-30	1.00								
1955	7-8	.76	7-8	.31	7-8	.37	7-8	.40	7-8	.40	7-8	.40	7-8	.40	7-8	.40								
1956	4-2	.08	4-2	.08	4-2	.15	4-2	.38	4-2	.62	4-1	1.13	4-1	1.46	3-26	1.88								
1957	7-21	.70	7-21	.28	7-21	.28	7-21	.28	7-21	.28	7-21	.28	7-21	.28	7-16	.36								
1958		0		0		0		0		0		0		0		0								

Notes: Records began Jan. 1952. e - Partially estimated. Quality of records: good except those estimated which are fair.

Notes: Records began Jan. 1952. e - Partially estimated. Quality of records: good except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LaCrosse, Wisconsin Watershed E-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1933	7-1	0.60	7-1	0.35	7-1	0.45	7-1	0.55	1-22	0.60	6-30	0.93	6-30	0.93	6-30	0.93			
1934	7-5	.73	7-5	.51	7-5	.79	7-5	1.08	7-5	1.08	7-5	1.08	7-5	1.08	7-5	1.26			
1935	8-5	.57	8-5	.49	8-5	.72	8-5	.86	8-5	.86	8-2	.99	8-2	1.07	8-2	1.93			
1936	10-3	.48	10-3	.23	10-3	.29	10-3	.35	*	*	*	*	3-9	a.75	3-1	a.30			
1937	6-19	.46	6-19	.30	6-19	.43	6-19	.50	6-19	.50	6-19	.50	6-19	.50	6-19	.50			
1938	9-9	.75	9-9	.48	8-16	.86	8-16	1.76	8-16	1.83	8-16	1.83	8-16	1.83	8-16	2.52			
1939	8-20	.61	8-20	.48	8-20	.78	8-20	1.70	8-20	2.08	8-20	2.12	8-20	2.12	8-20	2.12			
1940	8-16	.78	8-16	.46	8-16	.55	8-16	.57	8-16	.57	8-16	.57	8-16	.72	8-14	.73			
1941	9-15	.82	9-15	.59	9-15	.80	9-15	1.32	9-15	1.32	9-15	1.32	9-15	1.32	9-8	1.45			
1942	9-18	.82	9-18	.49	9-18	.61	6-28	.87	6-28	.99	6-29	1.06	9-18	1.24	9-18	1.24			

Notes: Records began Jan. 1933, ended Dec. 1942. a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

Notes: Records began Jan. 1933, ended Dec. 1942. a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										LaCrosse, Wisconsin				Watershed A-4			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	7-1	0.50	7-1	a0.40	7-1	a0.55	7-1	a0.65	3-29	a0.80	3-29	a1.00	3-29	a1.00	3-29	a1.25	
1934	7-5	2.54	7-5	1.08	7-5	1.46	7-5	1.74	7-5	1.77	7-5	1.77	7-5	1.77	7-5	1.86	
1935	8-5	2.44	8-5	1.32	8-5	1.61	8-5	1.64	8-5	1.73	8-2	1.89	8-2	1.90	8-2	3.60	
1936	5-22	2.06	5-22	.65	5-22	.81	5-22	.88	5-22	.88	5-22	.88	5-22	.88	3-18	2.10	
1937	6-19	1.42	6-19	.83	6-19	1.04	6-19	1.18	6-19	1.19	6-19	1.19	6-19	1.19	6-19	1.19	
1938	7-5	1.38	7-5	.73	7-5	.82	8-16	1.09	8-16	1.09	8-16	1.09	7-5	1.15	7-2	1.85	
1939	8-20	.67	8-20	.57	8-20	.94	8-20	2.12	8-20	2.62	8-20	2.62	8-20	2.62	8-20	2.62	
1940	8-16	1.30	8-16	.71	8-16	.83	8-16	.87	8-16	.87	8-16	.87	3-29	1.13	3-28	1.89	
1941	4-17	.80	9-15	.30	9-15	.49	9-15	.80	9-15	.80	9-15	.80	9-15	.80	9-8	1.03	
1942	9-18	.29	9-18	.23	9-18	.34	9-18	.56	9-18	.56	9-18	.56	9-18	.97	9-18	.97	
1943	7-6	.01	7-6	.01	7-6	.01	7-6	.01	7-6	.01	7-6	.01	7-6	.01	7-6	.01	
1944	6-22	2.27	6-22	.76	6-22	.77	6-22	.77	6-22	.77	6-22	.77	6-22	.77	6-22	.77	
1945	5-21	1.50	5-21	.59	7-31	.69	5-21	1.30	5-21	1.89	5-21	2.10	5-20	2.13	5-20	2.74	
1946	9-5	.13	9-5	.11	9-5	.20	9-5	.34	9-5	.52	*	*	*	e .50	1-5	a1.50	
1947	6-13	.28	6-13	.18	6-13	.25	6-13	.31	6-13	.31	*	*	*	e .85	4-1	e .85	
1948	*		*		*		*		*		*	*	*		3-15	e1.03	
1949	3-31	.06	3-31	.06	3-31	.09	3-30	.11	3-30	.11	3-30	.11	3-30	.11	3-24	.20	
1950	5-5	.57	5-5	.33	5-5	.38	5-5	.39	3-26	e .47	3-26	e .49	3-24	.68	3-23	.75	
1951	7-21	.61	7-21	.46	7-21	.62	7-21	.76	7-21	.76	7-21	.76	7-21	.76	4-1	e1.04	
1952	7-19	1.08	7-19	.89	7-19	1.18	7-19	1.34	7-19	1.34	7-19	1.34	7-19	1.34	7-19	1.36	
1953	7-4	.67	7-4	.44	7-4	.59	7-4	.67	7-4	.67	7-4	.67	7-4	.67	7-4	.71	
1954	4-30	1.50	4-30	.82	4-30	1.00	4-30	1.12	4-30	1.15	4-30	1.15	4-30	1.15	4-30	1.15	

Notes: Records began Jan. 1933, ended Mar. 31, 1955. a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

Notes: Records began Jan. 1933, ended Mar. 31, 1955 a - Estimated from rainfall and/or comparison with plot data.
e - Partially estimated. * Unable to estimate runoff in time interval. Quality of records: good except those estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BENTONVILLE, ARKANSAS				Watershed W-1				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	5-25	2.80	5-25	1.04	5-25	1.04	5-25	1.04	5-25	1.04	5-25	1.04	6-27	1.40	6-22	2.11		
1940	8-15	2.42	8-15	1.36	9-3	1.66	9-3	1.88	9-3	1.88	9-3	1.88	9-2	2.12	8-27	2.41		
1941	4-15	1.57	4-15	.62	4-18	.70	4-15	1.19	10-30	1.44	10-30	1.86	10-30	1.96	4-13	2.22		
1942	10-29	3.44	10-29	1.62	10-29	2.13	10-29	3.19	10-29	3.96	10-29	3.99	10-29	3.99	10-29	5.63		
1943 ^b	5-19	3.60	5-19	1.30	5-19	1.43	5-9	1.80	5-9	3.42	5-9	5.54	5-8	7.81	5-9	8.05		
Notes: Quality of records; good 1938-1942, poor 1943. b - Record discontinued Sept. 9, 1947, severe silting May 9-10. Records after 1943 not reliable.																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BENTONVILLE, ARKANSAS Watershed W-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1939	6-27	.80	6-27	.48	6-27	.50	6-27	.50	6-27	.54	6-27	.55	6-22	.73					
1940	8-31	.16	8-31	.04	9-3	.07	9-3	.07	9-2	.09	9-2	.09	8-31	.13					
1941	4-18	1.06	10-4	.31	10-4	.32	10-4	.38	4-15	.48	4-15	.48	4-15	.81					
1942	10-29	2.42	10-29	.65	10-29	.79	10-29	.87	10-29	.96	10-29	.97	6-8	1.45					
1943	5-19	1.30	5-10	.51	5-10	.63	5-10	.90	5-10	1.12	5-9	1.68	5-8	2.28					
1944	6-10	.62	6-10	.26	6-10	.27	6-10	.27	6-10	.27	6-10	.27	6-8	.30					
1945	4-14	2.89	4-14	.76	4-14	.79	4-14	.95	4-14	1.03	4-13	1.06	4-13	1.07					
1946 b	6-26	2.12	6-26	.77	6-26	.79	6-26	.80	6-26	.80	6-26	.80	6-26	.80					

Notes: Quality of records; good 1938-1943, fair 1944-1947. b - Record discontinued Sept. 9, 1947.

Notes: Quality of records; good 1938-1943, fair 1944-1947. b - Record discontinued Sept. 9, 1947.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
			Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	6-27	.08	6-27	.04	6-27	.05	6-27	.05	6-27	.05	6-27	.05	6-27	.05	6-22	.06
1940 a	9-3	.05	9-3	.03	9-3	.03	9-3	.03	9-3	.03	9-2	.04	9-2	.04	9-2	.04
1941	4-18	.89	4-18	.37	4-18	.39	4-18	.39	4-18	.39	4-18	.39	4-15	.51	4-15	.91
1942	10-29	.53	10-29	.39	10-29	.49	10-29	.50	10-29	.56	10-29	.56	10-29	.56	10-29	.99
1943	5-10	.56	5-10	.41	5-10	.56	5-10	.71	5-10	.85	5-10	.85	5-8	1.64	5-8	1.64
1944	6-10	T	6-10	T	6-10	T	6-10	T	6-10	T	6-10	T	6-10	T	6-10	T
1945	4-14	1.57	4-14	.49	4-14	.54	4-14	.67	4-14	.75	4-14	.75	9-24	1.08	9-24	1.09
1946 b	5-24	1.55	5-24	.73	5-24	1.15	5-24	1.25	5-24	1.25	5-24	1.31	5-23	1.34	5-23	1.35

Notes: Quality of records; good 1938-1943, fair 1944-1947. b - Record discontinued 9 Sept., 1947. e - Partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										BENTONVILLE, ARKANSAS				Watershed W-4				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1939	4-5	.08	4-5	.07	4-5	.13	4-5	.22	4-5	.23	5-12	.27	5-12	.27	5-12	.27		
1940	4-11	.14	4-11	.14	4-11	.25	4-11	.43	4-11	.47	4-11	.47	4-11	.47	4-11	.47		
1941	4-15	.55	4-15	.33	4-15	.45	1-1	.73	1-1	.95	1-1	.96	1-1	.96	4-15	1.42		
1942	10-29	.32	10-29	.25	10-29	.40	10-29	.65	10-29	.88	10-29	.91	10-29	.91	10-29	1.41		
1943	5-9	.35	5-9	.27	5-9	.41	5-9	.63	5-9	.93	5-9	.94	5-9	.94	5-9	.94		
1944	3-15	.11	3-15	.11	3-15	.20	3-15	.41	3-15	.44	3-15	.44	3-15	.44	3-15	.80		
1945	4-14	.50	4-14	.44	4-14	.48	2-20	.98	2-20	1.89	2-20	1.89	4-14	1.91	4-14	1.91		
1946 b	5-24	1.63	5-24	1.27	5-24	1.88	5-24	3.24	5-24	3.41	5-24	3.41	5-24	3.41	5-19	3.44		

Notes: Quality of records; good 1939-1940, fair 1941-1947. b - Record discontinued 9 Sept., 1947.

Notes: Quality of records; good 1939-1940, fair 1941-1947. b - Record discontinued 9 Sept., 1947.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-25	.87	5-25	.40	5-25	.42	5-25	.42	6-27	.69	6-27	.69	6-21	.98
1940	7-15	2.00	7-15	1.01	9-3	1.31	9-3	1.72	9-2	2.05	8-31	1.96	8-27	2.28
1941	4-15	1.29	4-15	.61	4-15	.73	4-15	1.23	10-30	1.81	10-30	2.05	4-15	2.52
1942	10-29	1.34	10-29	1.16	10-29	1.65	10-29	2.32	10-29	3.34	10-29	3.34	10-29	4.60
1943	5-9	.78	5-9	.69	5-9	1.04	5-9	1.60	5-9	4.96	5-9	6.19	5-9	6.25
1944	8-13	.77	8-13	.34	6-10	.43	10-3	.50	6-10	.62	6-10	.67	3-15	1.05
1945	4-14	2.06	4-14	1.38	4-14	1.63	4-14	2.39	2-20	2.92	4-13	3.65	4-11	4.10
1946 b	5-24	1.77	5-24	.95	5-24	1.67	5-24	1.85	5-24	1.89	5-24	1.89	5-24	1.96

Notes: Quality of records; good 1938-1943, fair 1944-1947. b - Record discontinued 9 Sept., 1947.

2-33

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

BENTONVILLE, ARKANSAS

Watershed W-6

YEAR	MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1940	4-11	.50	4-11	.30	4-11	.39	4-11	.84	4-10	.93	4-10	.94	4-10	.97	4-6	.98
1941	4-15	2.17	4-15	1.16	4-15	1.85	4-15	2.54	4-15	2.90	10-30	2.99	10-30	3.75	10-25	4.27
1942	4-27	1.81	4-27	.94	4-27	1.11	11-4	2.28	11-4	3.20	11-4	3.51	11-4	3.57	11-4	5.64
1943	5-19	.90	5-9	.68	5-9	1.04	5-9	1.47	5-9	2.71	5-9	5.23	5-9	7.49	5-8	7.65
1944	10-3	.36	10-3	.26	10-3	.42	2-28	.76	2-28	.96	3-19	1.03	3-18	1.29	3-15	2.48
1945	4-14	1.44	4-14	.91	4-14	1.30	4-14	2.25	4-14	3.09	4-14	3.21	4-14	3.93	4-13	5.24
1946 b	5-24	.92	5-24	.83	5-24	1.49	5-24	3.11	5-24	3.22	5-24	3.25	3-23	3.59	3-19	4.48

Notes: Quality of records; good 1939-1940, fair 1941-1947. b - Record discontinued 9 Sept., 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA										Watershed W-1	
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1942	6-9	2.22	6-9	.75	6-9	.76	6-9	.75	6-9	.75	6-9	.88	6-7	.88	6-7	.88					
1943	5-18	.56	5-18	.23	5-18	.24	5-18	.43	5-18	.43	5-18	.43	5-18	.43	5-18	.43					
1944	10-2	3.29	4-22	1.19	4-22	1.27	4-22	1.38	4-21	1.90	4-21	1.90	4-21	1.90	4-21	2.18					
1945	3-19	4.05	7-6	.63	9-27	.89	9-27	1.37	9-27	1.41	9-27	1.41	9-27	1.41	9-24	1.46					
1946	5-14	1.48	6-12	.53	6-12	.54	6-12	.54	6-12	.54	6-12	.54	6-12	.54	6-12	.54					
1947	5-15	2.66	5-15	.60	5-15	.62	5-15	.64	5-15	.84	5-14	.85	5-14	.85	5-14	1.12					
1948	11-1	6.77	10-31	1.49	10-31	1.54	10-31	1.71	10-31	1.71	10-31	1.86	10-31	1.86	10-31	1.86					
1949	3-25	3.04	3-25	.71	3-25	.76	3-25	.78	3-25	.78	3-25	.78	3-25	.78	3-25	.99					
1950	7-29	5.69	7-29	2.23	7-29	2.34	7-29	2.40	7-29	2.41	7-29	2.41	7-28	2.43	7-28	2.83					
1951	6-20	3.21	6-20	1.53	6-20	1.67	6-20	1.68	6-20	1.68	6-20	1.68	6-20	1.72	6-20	2.94					
1952	8-8	.66	8-8	.19	8-8	.19	8-8	.19	4-21	.25	4-21	.25	4-21	.25	4-19	.25					
1953	7-12	.72	7-12	.27	7-12	.34	7-11	.36	7-1	.36	7-11	.37	7-11	.37	7-11	.37					
1954	5-23	2.82	5-23	.77	5-23	.79	5-23	.82	5-23	1.48	5-23	1.48	5-23	1.48	5-19	1.49					
1955	6-19	2.03	e	e	9-3	e	9-3	.57e	9-3	.57e	9-3	.57e	6-17	.70	5-11	1.00					
1956	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T					
1957	5-15	3.49	5-15	1.97	5-15	2.00	5-15	2.59	5-15	2.99	5-15	3.05	5-15	3.05	5-9	3.26					

Notes: Quality of records: good. e - Runoff partially estimated.

Notes: Quality of records: good. e - Runoff partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS					CHEROKEE, OKLAHOMA Watershed W-2											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1942	6-9	2.70	6-9	.86	6-9	.87	6-9	.87	6-9	.87	6-8	1.06	6-7	1.07	6-7	1.07
1943	5-18	.60	5-18	.26	5-18	.27	5-18	.51	5-18	.51	5-18	.51	5-18	.51	5-18	.52
1944	10-2	2.88	4-22	1.41	4-22	1.51	4-22	1.68	4-21	2.33	4-21	2.33	4-21	2.33	4-21	2.69
1945	3-19	3.75	7-6	.69	4-15	.77	9-27	1.00	9-27	1.01	9-27	1.01	4-14	1.34	4-10	1.42
1946	5-9	1.36	6-12	.70	6-12	.72	6-12	.72	6-12	.72	6-12	.72	6-12	.72	6-12	.72
1947	5-15	2.47	5-15	.64	5-15	.65	5-15	.67	5-15	.90	5-14	.90	5-14	.90	5-14	1.23
1948	11-1	6.16	10-31	1.51	10-31	1.51	10-31	1.56	10-31	1.56	10-31	1.68	10-31	1.68	10-31	1.68
1949	3-25	3.01	3-25	.66	3-25	.67	3-25	.67	3-25	.67	3-25	.67	3-25	.67	3-25	.88
1950	7-29	5.68	7-29	2.07	7-29	2.09	7-29	2.13	7-29	2.13	7-29	2.13	7-28	2.13	7-28	2.46
1951	6-20	2.94	6-20	1.65	6-20	1.81	6-20	1.81	6-20	1.81	6-20	1.81	6-20	1.86	6-20	3.18
1952	8-8	d	d	d	8-8	.33e	8-8	.33e	8-8	.33e	8-8	.33e	8-8	.33e	8-8	.33e
1953	5-11	.95	5-11	.50	7-12	.57	7-11	.70	7-11	.70	7-11	.76	7-11	.76	7-11	.76
1954	5-23	2.11	5-23	.77	5-23	.79	5-23	.81	5-23	1.54	5-23	1.54	5-23	1.54	5-23	1.54
1955	6-19	3.30	6-4	.48	6-4	.49	9-3	.49	9-3	.49	9-3	.49	5-18	.63	5-11	.79
1956	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T
1957	5-15	3.36	5-15	2.04	5-15	2.23	5-15	2.85	5-15	2.86	5-15	3.37	5-15	3.37	5-15	3.38

Notes: Quality of records: good. d - Record not useable due to mechanical failure on 8-8-52 which gave peak rate and maximum 1 to 2 hour volumes at nearby stations. e - Runoff partially estimated.

Notes: Quality of records: good. d - Record not useable due to mechanical failure on 8-8-52 which gave peak rate and maximum 1 to 2 hour volumes at nearby stations. e - Runoff partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA										Watershed W-3	
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
1942	6-9	1.31	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1943	5-18	.55	6-9	.59	6-9	.61	6-9	.61	6-8	.64	6-7	.65	6-7	.65	6-7	.65					
1943	5-18	.55	5-18	.22	5-18	.23	5-18	.43	5-18	.43	5-18	.43	5-18	.43	5-18	.44					
1944	4-22	2.24	4-22	1.23	4-22	1.37	4-22	1.49	4-21	2.01	4-21	2.01	4-21	2.01	4-21	2.17					
1945	3-19	2.08	9-27	.87	9-27	1.19	9-27	1.97	9-27	2.18	9-27	2.18	9-27	2.18	9-24	2.18					
1946	5-9	.91	6-12	.47	6-12	.50	6-12	.50	6-12	.50	6-12	.50	6-12	.50	6-12	.50					
1947	5-15	1.13	5-15	.40	5-15	.42	5-15	.43	5-15	.43	5-15	.43	5-15	.43	5-15	.58					
1948	11-1	4.77	11-1	1.32	11-1	1.38	8-8	1.60	8-8	1.61	8-8	1.61	8-8	1.84	8-6	3.39 e					
1949	3-25	2.17 c	3-25	.57	3-25	.64	3-25	.66	3-25	.66	2-26	.79	2-26	.79	2-23	.89					
1950	7-29	4.74	7-29	1.68	7-29	1.87	7-29	1.97	7-29	1.97	7-29	1.97	7-28	1.97	7-28	2.74					
1951	6-20	2.20	6-20	1.33	6-20	1.53	6-29	1.57	6-29	1.59	6-29	1.59	6-20	1.59	6-20	1.83					
1952	8-8	.40	4-21	.12	4-21	.18	4-21	.24	4-21	.36	4-21	.36	4-21	.36	4-21	.36					
1953	5-11	.19	5-11	.07	5-11	.07	5-11	.07	5-11	.07	5-11	.07	5-11	.07	5-11	.07					
1954	5-23	1.45	6-14	.55	5-23	.66	5-23	.69	5-23	1.26	5-23	1.26	5-23	1.26	5-19	1.30					
1955	6-19	2.23	6-18	.67	6-18	.73	5-11	.91 e	5-18	.96	5-18	.96	5-18	1.12	5-11	2.18 e					
1956	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T	6-27	T					
1957	5-15	3.55	5-15	1.84	5-15	1.89	5-15	2.61	5-15	2.64	5-15	3.28	5-15	3.28	5-15	3.32					
Notes: Quality of records: good. e - Partially estimated due to silting. c - Peak rate equalled on 4-26-49.																					

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA										Watershed W-4			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days								
1942	6-9	1.27	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
1943	5-18	.46	10-3	.71	10-3	1.04	10-3	1.07	10-3	1.07	10-3	1.07	10-3	1.07	9-25	1.07							
1944	4-22	2.32	5-18	.20	5-18	.21	5-18	.35	5-18	.35	5-18	.35	5-18	.37	5-18	.37							
1945	3-19	2.22	4-22	1.31	4-22	1.43	4-22	1.55	4-21	2.10	4-21	2.10	4-21	2.10	4-21	2.24							
1946	5-9	1.04	9-27	.79	9-27	1.03	9-27	1.88	9-27	2.14	9-27	2.14	9-27	2.14	9-24	2.17							
			6-12	.44	6-12	.46	6-12	.47	6-12	.47	6-12	.47	6-12	.47	6-12	.47							
1947	5-15	1.09	5-15	.41	5-15	.43	5-15	.43	5-15	.43	5-15	.43	5-15	.43	5-15	.53							
1948	11-1	5.49	11-1	1.42	11-1	1.48	10-31	1.65	10-31	1.65	10-31	1.65	10-31	1.65	8-6	3.36							
1949	4-26	2.39	3-25	.71	3-25	.75	3-25	.77	3-25	.77	3-25	.77	3-25	.77	3-25	1.06							
1950	7-29	4.89	7-29	1.78	7-29	1.88	7-29	1.95	7-29	1.95	7-29	1.95	7-29	1.95	7-25	2.25							
1951	6-20	2.20	6-20	1.30	6-20	1.53	6-29	1.73	6-29	1.73	6-29	1.73	6-29	1.73	6-24	3.06							
1952	8-8	.47	4-21	.15	4-21	.21	4-21	.26	4-21	.37	4-21	.37	4-21	.37	4-21	.37							
1953	5-11	.26	5-11	.09	5-11	.09	5-11	.09	5-11	.09	5-11	.09	5-11	.09	5-11	.09							
1954	6-14	2.34	6-14	e	5-23	.81	6-14	.83e	5-23	1.43	5-23	1.43	5-23	1.43	5-19	1.48							
1955	6-18	2.37	6-18	.66	6-18	.76	5-11	1.09	5-11	1.09	5-11	1.09	5-18	1.22	5-18	2.47							
1956	8-18	.06	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-18	.01	8-18	.01							
1957	5-15	4.38	5-15	2.01	5-15	2.06	5-15	2.86	5-15	2.89	5-15	3.55	5-15	3.55	5-15	3.59							

Notes: Quality of records: good. e - Runoff partially estimated.

Notes: Quality of records: good. e - Runoff partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA		Watershed W-5				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
1942	4-6	.58	4-6	.24	4-6	.27	4-6	.27	4-6	.27	4-6	.27	4-6	.27	4-6	.27
1943	5-18	.01	5-18	.01	5-18	.02	5-18	.02	5-18	.02	5-18	.02	5-18	.02	5-18	.02
1944	4-22	1.87	4-22	1.11	4-22	1.30	4-22	1.42	4-21	1.84	4-21	1.84	4-21	1.84	4-21	1.98
1945	3-19	1.91	4-15	.57	4-15	.69	4-15	.85	4-15	.86	4-15	.86	4-14	.96	4-10	1.09
1946	5-9	.53	5-9	.17	5-9	.17	5-9	.17	5-9	.17	5-9	.17	5-9	.17	5-9	.19
1947	5-15	.79	5-15	.37	5-15	.41	5-15	.43	5-15	.49	5-15	.49	5-15	.49	5-15	.65
1948	11-1	5.33	11-1	1.15	11-1	1.17	8-8	1.46e	8-8	1.46e	8-8	1.46e	8-8	1.47e	8-6	2.51e
1949	3-25	2.08	3-25	.57	3-25	.64	3-25	.66	3-25	.66	3-25	.66	3-25	.66	3-25	.86
1950	7-29	d	7-29	d	7-29	d	7-29	1.99e	7-29	1.99e	7-29	1.99e	7-29	1.99e	7-29	2.72e
1951	6-20	1.83	6-20	1.16	6-20	1.42	6-29	1.63	6-29	1.68	6-29	1.68	6-29	1.68	6-24	2.90
1952	4-21	.15	4-21	.06	4-21	.08	4-21	.10	4-21	.15	4-21	.15	4-21	.15	4-21	.15
1953	5-11	.56	7-11	.28	7-11	.42	7-11	.46	7-11	.46	7-11	.46	7-11	.46	7-11	.46
1954	5-23	1.10	5-23	.55	5-23	.62	5-23	.66	5-23	1.25	6-23	1.25	6-23	1.25	5-23	1.25
1955	6-18	1.53	6-18	.46	6-18	.50	9-3	.52	9-3	.52	9-3	.52	6-17	.69	6-17	.69
1956	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T	8-18	T
1957	5-15	2.59	5-15	1.58	5-15	1.70	5-15	2.32	5-15	2.37	5-15	2.90	5-15	2.90	5-9	2.98

Notes: Quality of records: good. e - Partially estimated. d - Record not useable due to mechanical failure on 7-29-50 which gave peak rate and maximum 1 and 2 hour volumes at nearby stations.

Notes: Quality of records: good. e - Partially estimated. d - Record not useable due to mechanical failure on 7-29-50 which gave peak rate and maximum 1 and 2 hour volumes at nearby stations.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA										Watershed W-6			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days								
1942	6-9	1.79	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
1943	5-18	.22	6-9	.56	6-9	.56	6-9	.56	6-9	.56	6-8	.58	6-7	.58	6-7	.58							
1944	4-22	2.65	5-18	.05	5-18	.07	5-18	.07	5-18	.07	5-18	.07	5-18	.07	5-18	.07							
1945	3-19	3.48	4-22	1.08	4-22	1.52	4-22	1.52	4-21	2.17	4-21	2.17	4-21	2.17	4-21	2.45							
1946	5-9	1.46	4-15	.73	9-27	.90	9-27	1.25	9-27	1.28	9-27	1.28	9-27	1.29	4-10	1.50							
			6-12	.37	6-12	.38	6-12	.38	6-12	.38	6-12	.38	6-12	.38	5-9	.44							
1947	5-15	1.97	5-15	.55	5-15	.58	5-15	.58	5-15	.68	5-15	.68	5-15	.68	5-15	.90							
1948	11-1	5.58	11-1	1.34	8-8	1.61	8-8	1.61	8-8	1.61	8-8	1.61	8-8	1.66	8-8	3.01							
1949	3-25	3.04	3-25	.73	3-25	.80	3-25	.82	3-25	.82	3-25	.82	3-25	.82	3-25	1.07							
1950	7-29	1.46	8-17	.56	8-17	.70	8-17	.70	8-17	.70	8-17	.70	8-17	.70	8-15	.76							
1951	6-20	2.62	6-20	1.36	6-20	1.53	6-20	1.53	6-29	1.56	6-29	1.56	6-20	2.57	6-20	2.78							
1952	8-8	.47	8-8	.11	8-8	.12	8-8	.12	4-21	.15	4-21	.15	4-21	.15	4-21	.15							
1953	6-23	.02	10-25	.01	10-25	.01	10-25	.01	10-25	.01	10-25	.01	10-25	.01	10-25	.01							
1954	5-23	1.62	5-23	.59	5-23	.72	5-23	.72	5-23	1.26	5-23	1.26	5-23	1.26	5-19	1.27							
1955	6-18	2.48	6-18	.62	9-3	.73	9-3	.77	9-3	.77	9-3	.77	6-17	.91	5-11	1.52							
1956	8-18	.03	8-18	.01	8-18	.01	8-19	.01	8-19	.01	8-18	.02	8-18	.02	8-18	.02							
1957		d		d	6-23	2.70	6-23	2.71	6-23	2.71	6-23	2.71	6-23	2.71	6-21	3.00							

Notes: Quality of records: good. c - Peak rate of 7-29-50 equaled on 8-17-50. d - Record not useable due to mechanical failure on 5-15-57 which gave peak rate and maximum volume at nearby stations.

Notes: Quality of records: good. c - Peak rate of 7-29-50 equalled on 8-17-50. d - Record not useable due to mechanical failure on 5-15-57 which gave peak rate and maximum volume at nearby stations.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA				Watershed W-7			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1942	6-9	1.15	10-3	.51	10-3	.76	10-3	.80	10-3	.80	10-3	.80	10-3	.80	9-25	.81	
1943	5-18	.27	5-18	.14	5-18	.14	5-18	.21	5-18	.21	5-18	.21	5-18	.21	5-18	.21	
1944	4-22	2.66	4-22	1.29	4-22	1.38	4-22	1.51	4-21	2.11	4-21	2.11	4-21	2.11	4-21	2.33	
1945	3-19	2.40	9-27	.81	9-27	1.06	4-15	1.27	4-15	1.28	4-15	1.28	4-14	1.57	4-10	1.76	
1946	5-9	1.43	5-9	.41	5-9	.42	5-9	.42	5-9	.42	5-9	.42	5-9	.42	5-9	.48	
1947	5-15	1.32	5-15	.39	5-15	.40	5-15	.40	5-15	.40	5-15	.40	5-15	.40	5-15	.52	
1948	11-1	5.18	11-1	1.28	11-1	1.36	8-8	2.07 ^e	8-8	2.07 ^e	8-8	2.07 ^e	8-8	2.14 ^e	8-8	3.75 ^e	
1949	3-25	2.68	3-25	.70	3-25	.74	3-25	.74	3-25	.74	3-25	.74	3-25	.74	3-25	.91	
1950	7-29	4.81	8-17	1.30	8-17	1.45	8-17	1.60	8-17	1.60	8-17	1.60	8-17	1.60	8-15	1.86	
1951	6-20	2.35	6-20	1.42	6-20	1.64	6-29	1.69	6-29	1.71	6-29	1.71	6-29	1.71	6-24	3.02	
1952	8-8	.48	8-8	.12	8-8	.12	4-21	.16	4-21	.25	4-21	.25	4-21	.25	4-21	.25	
1953	6-23	.03 ^e	6-23	.01	6-23	.01	6-23	.01	6-23	.01	6-23	.01	6-23	.01	6-23	.01	
1954	5-23	1.55	5-23	.58	5-23	.69	5-23	.69	5-23	1.31	5-23	1.31	5-23	1.31	5-23	1.31	
1955	6-18	2.98	9-3	.70	9-3	.90	5-11	1.09	5-11	1.11	5-18	1.17	5-18	1.47	5-11	2.56	
1956	8-18	.01	8-18	T	8-18	T	8-18	T	8-18	T	8-18	.01	8-18	.01	8-18	.01	
1957	5-15	4.48	5-15	2.05	5-15	2.09	5-15	2.86	5-15	2.90	5-15	3.63	5-15	3.63	5-9	4.00	

Notes: Quality of records: good. e - Partially estimated due to silting. c - Peak rate of 6-23-53 was equalled on 7-11-53.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				CHEROKEE, OKLAHOMA		Watershed W-8										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
1941	4-15	1.15a	4-15	.49	4-15	.59	4-15	.60	4-15	.60	4-15	.83	4-15	.83	4-15	.90
1942	4-6	.59	4-6	.26	4-24	.29	4-24	.31	4-24	.31	4-24	.31	4-24	.31	4-18	.40
1943	5-18	.02	5-18	T	5-18	T	5-18	T	5-18	T	5-18	T	5-18	T	5-18	T
1944	4-22	1.66	4-22	.92	4-22	1.07	4-22	1.11	4-21	1.39	4-21	1.39	4-21	1.39	4-21	1.43
1945	3-19	1.02	4-15	.57	4-15	.72	4-15	.91	4-15	.91	4-15	.91	4-14	1.07	4-10	1.15
1946	5-9	.48	5-9	.11	5-9	.11	5-9	.11	5-9	.11	5-9	.11	5-9	.11	5-9	.12
1947	5-15	.81	5-15	.35	5-15	.38	5-15	.38	5-15	.41	5-15	.41	5-15	.41	5-15	.51
1948	11-1	3.79	11-1	1.09	11-1	1.12	10-31	1.21	10-31	1.21	10-31	1.28	10-31	1.28	8-8	2.17
1949	3-25	2.16	3-25	.65	3-25	.68	3-25	.70	3-25	.70	3-25	.70	3-25	.70	3-25	.90
1950	7-29	.99	8-17	.27	8-17	.34	8-17	.35	8-17	.35	8-17	.35	8-17	.35	8-15	.36
1951	6-20	1.97	6-20	1.16	6-20	1.40	6-29	1.70	6-29	1.73	6-29	1.73	6-29	1.73	6-24	2.91
1952	4-21	.07	4-21	.04	4-21	.05	4-21	.08	4-21	.10	4-21	.10	4-21	.10	4-21	.10
1953	7-11	.03	7-11	T	7-11	T	7-11	T	7-11	T	7-11	T	7-11	T	7-11	T
1954 p	5-23	1.20	5-23	.72	5-23	.91	5-23	.91	5-23	1.43	5-23	1.43	5-23	1.43	5-19	1.53
1956		0		0		0		0		0		0		0		0
1957	5-15	3.38	5-15	1.86	5-15	1.95	5-15	2.64	5-15	2.67	5-15	3.28	5-15	3.28	5-9	3.50e

Notes: Quality of records: good. a - Records started 4-1-41. Meteorological records indicate peak runoff period occurred after installation. e - Partially estimated. p - No record 7-1-55 to 8-1-56.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										CHEROKEE, OKLAHOMA				Watershed W-9			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1942	6-9	1.14	6-9	.48	6-9	.49	6-9	.49	6-9	.49	6-9	.49	6-7	.49			
1943	5-18	.02	5-18	.01	5-18	.01	5-18	.04e	5-18	.04e	5-18	.04e	5-18	.04e			
1944	4-22	1.99	4-22	1.15	4-22	1.32	4-21	1.91	4-21	1.91	4-21	1.91	4-21	2.02			
1945	3-19	1.53	4-15	.58	4-15	.66	4-15	.76	4-15	.77	4-15	.77	4-10	.99			
1946	5-9	.98	5-9	.34	5-9	.35	5-9	.35	5-9	.35	5-9	.35	5-9	.39			
1947	5-15	1.23	5-15	.50.	5-15	.53	5-15	.56	5-15	.56	5-15	.56	5-15	.74			
1948	11-1	4.58	11-1	1.19	11-1	1.23	10-31	1.34	10-31	1.34	10-31	1.42	8-8	1.80e			
1949	3-25	2.41	3-25	.61	3-25	.66	3-25	.68	3-25	.68	3-25	.68	3-25	.88			
1950	8-17	.93	8-17	.34	8-17	.37	8-17	.40	8-17	.40	8-17	.40	8-15	.42			
1951	6-20	1.79	6-20	1.17	6-20	1.36	6-29	1.64	6-29	1.67	6-29	1.67	6-24	2.69			
1952	4-21	.05	4-21	.03	4-21	.04	4-21	.05	4-21	.09	4-21	.09	4-21	.09			
1953	7-11	.08	7-11	.03	7-11	.03	7-11	.04	7-11	.04	7-11	.04	7-11	.04			
1954	5-23	1.09	5-23	.56	5-23	.61	5-23	.65	5-23	1.15	5-23	1.15	5-23	1.15			
1955	9-3	1.55	6-4	.63	9-3	.68	9-3	.74	9-3	.74	9-3	.74	5-11	1.29			
1956		0		0		0	0	0	0	0		0		0			
1957	5-15	3.36	5-15	2.09	5-15	2.39	5-15	3.10	5-15	3.15	5-15	4.16	5-9	4.39			

Notes: Quality of records: good. e - Partially estimated.

Notes: Quality of records: good. e - Partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GUTHRIE, OKLAHOMA Watershed 1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1932	6-24	1.88	5-31	1.16	6-24	1.69	6-24	1.93	6-24	1.93	6-24	1.93	6-23	1.98	5-31	2.69				
1933	5-13	1.50	5-13	.72	5-13	.85	5-13	.90	5-13	.90	5-13	.90	5-13	.90	5-13	.90				
1934	9-10	2.23	9-10	1.76	9-10	2.34	9-10	2.52	9-9	2.96	9-9	2.98	9-9	2.98	9-9	2.98				
1935	6-21	1.41	9-1	.89	6-21	1.11	6-21	1.32	6-21	1.35	6-21	1.35	6-21	1.35	6-16	2.54				
1936	9-26	1.17	9-26	.56	9-26	.68	9-23	1.20	9-23	1.20	9-23	1.20	9-23	1.20	9-23	2.01				
1937	8-21	1.10	8-21	.72	8-21	1.00	8-21	1.47	8-21	1.47	8-21	1.47	8-20	2.10	8-20	2.10				
1938	5-22	1.00	5-22	.58	5-22	.81	5-22	1.05	5-22	1.10	5-21	1.20	5-21	1.20	5-21	1.20				
1939	8-22	.86	8-22	.52	8-22	.62	8-22	.67	5-11	.78	5-11	.78	5-11	.78	5-7	.85				
1940	5-8	1.64	5-8	.93	5-8	1.08	5-8	1.15	5-8	1.17	11-25	1.25	11-25	1.25	11-20	1.89				
1941	5-4	2.55	9-5	1.57	9-5	2.22	9-5	3.04	9-4	3.27	9-4	3.27	9-4	3.27	9-4	4.95				
1942	4-18	1.56	4-18	.85	4-18	.96	4-18	1.41	4-18	1.43	4-18	1.43	4-7	1.54	4-17	1.80				
1943	5-18	.67	5-9	.45	5-9	.65	5-9	1.25	5-9	1.56	5-9	1.83	4-17	2.52	5-16	2.94				
1944	5-26	.91	5-26	.67	5-26	.84	5-26	1.10	5-26	1.27	5-26	1.27	5-26	1.28	5-26	1.28				
1945	6-21	3.13	6-21	1.60	6-21	1.82	6-21	2.07	6-21	2.12	6-21	2.12	6-21	2.12	3-21	3.18				
1946	5-6	.49	5-6	.38	5-6	.54	5-6	.66	5-6	.88	5-6	.89	5-6	.89	11-1	.99				
1947	4-8	1.41	4-8	.97	4-8	1.24	4-8	1.39	4-8	1.42	4-8	1.45	4-11	3.15	4-8	5.73				
1948	6-23	1.02	6-23	.84	6-23	1.35	6-22	2.73	6-22	3.70	6-22	3.74	6-22	3.74	6-22	3.74				
1949	5-19	3.20	5-18	2.50	5-18	3.59	5-18	6.04	5-18	6.90	5-18	6.90	5-17	7.00	5-17	8.03				
1950	6-10	1.04	6-10	.83	6-10	1.11	6-10	1.65	6-10	1.66	6-10	1.66	6-10	1.66	6-10	1.66				
1951	8-10	2.12	8-10	1.07	8-10	1.33	8-10	1.36	8-10	1.36	8-10	1.36	8-10	1.36	8-10	1.36				
1952	8-8	.38	8-8	.30	8-8	.46	8-8	.70	8-8	.70	8-8	.70	8-8	.70	8-8	.70				
1953 ^b	3-3	.21	3-3	.16	3-3	.30	3-3	.44	3-3	.45	3-3	.45	3-3	.45	3-1	.49				

Notes: Quality of records: good. c - Peak rate of 1.41 on 6-21-35 was equalled on 9-1-35. b - Record discontinued December 31, 1953

Notes: Quality of records: good. c - Peak rate of 1.41 on 6-21-35 was equalled on 9-1-35. b - Record discontinued December 31, 1953

2-36

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GUTHRIE, OKLAHOMA				Watershed 2			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1931	4-16	4.33	4-16	.79	4-16	.86	4-16	.86	4-16	.86	4-16	.86	4-16	.86	4-16	1.81	
1932	5-31	6.17	6-24	1.83	6-24	2.65	6-24	2.68	6-24	2.68	6-24	2.68	6-24	2.68	6-24	3.15	
1933	5-13	3.71	5-13	.79	5-13	.85	5-13	.86	5-13	.86	5-13	.86	5-13	.86	5-13	.86	
1934	9-10	4.73	9-10	1.75	9-10	2.34	9-10	2.51	9-9	3.08	9-9	3.08	9-9	3.08	9-9	3.08	
1935	9-1	2.95	9-1	.66	6-21	1.08	6-21	1.48	6-21	1.48	6-21	1.48	6-21	1.48	6-16	2.68	
1936	9-23	4.49	9-27	.82	9-27	.96	5-8	1.07	5-8	1.46	5-8	1.46	5-8	1.46	9-23	2.14	
1937	4-3	4.07	4-3	.44	8-21	.55	4-3	.57	4-3	.57	8-20	.99	8-20	.99	8-20	.99	
1938	5-22	3.89	5-22	.64	5-22	.80	5-22	1.07	3-26	2.01	3-26	2.69	3-26	2.69	3-26	2.69	
1939	8-22	2.06	8-22	.52	8-22	.52	8-22	.53	5-11	.59	5-11	.59	5-11	.94	5-7	1.07	
1940	5-8	2.39	5-8	.66	5-8	.75	5-8	.93	5-8	1.01	5-8	1.01	5-8	1.01	11-20	1.02	
1941	5-4	3.61	9-5	1.20	9-5	1.56	9-5	2.26	9-4	2.32	9-4	2.32	9-4	2.32	9-4	3.24	
1942	9-8	2.17	4-18	.69	4-18	.75	4-18	1.07	4-18	1.08	4-18	1.08	4-7	1.16	4-7	1.18	
1943	5-16	.98	5-9	.37	5-9	.47	5-9	.92	5-9	1.11	5-9	1.34	5-9	1.34	5-9	1.95	
1944	4-9	1.71	4-9	.52	4-9	.60	10-10	.92	10-10	.92	10-10	.92	10-10	.92	10-3	1.06	
1945	6-21	4.35	6-21	1.32	6-21	1.39	6-21	1.51	6-21	1.51	6-21	1.51	6-21	1.51	6-21	2.19	
1946	5-6	2.32	5-6	.50	5-6	.57	5-6	.57	5-6	.68	5-6	.68	5-6	.68	5-6	.68	
1947	4-8	2.86	4-8	.99	4-8	1.04	4-8	1.05	4-8	1.05	4-8	1.05	4-11	1.43	4-8	3.00	
1948	6-22	1.55	6-22	.33	6-22	.45	6-22	1.12	6-22	1.28	6-22	1.28	6-22	1.28	6-22	1.28	
1949	5-19	5.27	5-18	1.32	5-18	2.74	5-18	4.33	5-18	4.33	5-18	4.33	5-17	4.83	5-17	5.37	
1950	6-10	1.12	6-10	.74	6-10	.98	6-10	1.01	6-10	1.01	6-10	1.01	6-10	1.01	6-10	1.01	
1951 b	8-10	4.35	8-10	1.02	8-10	1.03	8-10	1.03	8-10	1.03	8-10	1.03	8-10	1.03	8-10	1.03	

Notes: Quality of records: good. b- Record discontinued December 31, 1951.

Notes: Quality of records: good. b- Record discontinued December 31, 1951.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

GUTHRIE, OKLAHOMA

Watershed 3

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1930	5-17	.63	5-17	.55	5-17	.61	5-17	.61	5-17	.61	5-17	.61	5-17	.61	5-10	.78		
1931	4-16	2.02	4-16	.66	4-16	.73	4-16	.79	4-16	.79	4-16	.79	4-16	.79	11-16	3.53		
1932	6-24	2.69	6-24	1.26	6-24	1.98	6-24	2.24	6-24	2.24	6-24	2.24	6-23	2.29	6-23	2.52		
1933	5-13	1.17	5-13	.39	5-13	.45	3-5	.50	3-5	.62	3-5	.62	3-5	.62	3-5	.82		
1934	9-10	2.40	9-10	1.80	9-10	2.40	9-10	2.75	9-9	2.93	9-9	3.01	9-9	3.01	9-9	3.01		
1935	6-21	2.16	9-1	.69	6-21	.96	6-21	1.11	6-21	1.11	6-21	1.11	6-21	1.11	6-16	1.91		
1936	9-26	.85	9-23	.43	9-23	.56	9-23	.78	9-23	.83	9-23	.83	9-23	.83	9-23	1.41		
1937	8-20	.77	8-20	.56	8-20	.81	8-20	1.00	8-20	1.16	8-20	1.93	8-20	1.47	8-20	1.47		
1938	5-22	1.06	5-22	.44	5-22	.69	5-22	1.01	5-17	1.37	3-27	1.51	3-26	1.97	3-26	1.97		
1939	5-11	.17	5-12	.15	5-12	.24	5-12	.42	5-12	.48	5-12	.49	5-11	.78	5-11	.90		
1940	5-8	.29	11-25	.29	11-25	.36	11-25	.78	11-25	1.07	11-25	1.28	11-25	1.28	11-20	1.43		
1941	9-5	.63	9-5	.56	9-5	1.03	9-5	1.84	9-5	1.92	9-4	1.92	9-4	1.92	9-4	3.26		
1942	4-18	.39	4-18	.28	4-18	.48	4-18	1.08	4-18	1.22	4-18	1.22	4-7	1.59	4-7	1.59		
1943	5-9	.34	5-9	.30	5-9	.54	5-9	1.23	5-9	1.64	5-9	1.94	5-9	2.09	5-16	3.20		
1944	10-10	.50	10-10	.41	10-10	.98	10-10	1.19	10-10	1.23	10-10	1.23	10-10	1.23	10-3	1.58		
1945	6-10	1.23	6-10	.76	6-10	.94	6-10	1.01	9-29	1.45	9-29	1.58	9-28	2.84	9-28	2.96		
1946	5-6	1.27	5-6	.41	5-6	.79	5-6	.94	5-6	1.21	5-6	1.21	5-6	1.21	4-28	1.29		
1947	4-8	1.89	4-8	1.07	4-8	1.29	4-8	1.51	4-8	1.56	4-8	1.56	4-11	3.34	4-8	5.99		
1948	6-22	.74	6-22	.68	6-22	1.11	6-22	2.44	6-22	3.53	6-22	3.66	6-22	3.66	6-22	3.66		
1949	5-19	2.79	5-18	2.26	5-18	3.33	5-18	5.80	5-18	5.80	5-18	5.80	5-17	7.18	5-17	8.37		
1950	6-10	.97	6-10	.76	6-10	1.15	6-10	1.74	6-10	1.75	6-10	1.75	6-10	1.75	6-10	1.75		
1951	6-10	1.27	6-10	.90	6-10	1.30	6-10	1.67	6-10	1.73	6-10	1.75	6-10	1.79	6-10	2.68		

Notes: Quality of records; Good. c-1 Peak rate of 2.69"/hr. equalled on 7-5-32.. c-2 Peak rate of 0.17"/hr. equalled on 5-12-39.
 c-3 Peak rate of 1.23"/hr. equalled on 6-26-45. b - Record discontinued Dec. 31, 1951.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GUTHRIE, OKLAHOMA				Watershed 5			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1931	4-16	1.21	4-16	.38	4-16	.41	4-25	.60	4-25	.66	4-25	.66	11-22	1.21	11-16	1.28	
1932	6-24	2.57	6-24	.76	6-24	1.44	6-24	1.51	6-24	1.51	6-24	1.51	6-23	1.59	6-23	1.66	
1933		p		p		p	p	p	p	p	p	p		p		p	
1934	9-10	3.12	9-10	1.54	9-10	1.79	9-10	1.87	9-9	1.98	9-9	1.98	9-9	1.98	9-9	1.98	
1935	6-21	1.79	6-21	.54	6-21	.71	6-21	.98	6-21	.98	6-2	.98	6-21	.98	6-16	1.87	
1936	9-25	.76	5-8	.25	5-8	.41	5-8	.76	5-8	.77	5-8	.77	5-8	.77	5-8	.77	
1937	6-13	.23	8-21	.10	8-21	.15	8-21	.15	8-21	.15	8-20	.18	8-20	.18	8-20	.18	
1938	5-22	.90	5-22	.28	5-22	.28	5-22	.33	5-22	.33	5-22	.33	5-22	.33	5-22	.33	
1939	8-22	.14	8-22	.06	8-22	.06	8-22	.06	8-22	.06	8-22	.06	8-22	.06	8-22	.06	
1940	5-8	.65	5-8	.26	5-8	.30	5-8	.33	11-25	.43	11-25	.44	11-25	.44	11-20	.65	
1941	5-4	1.84	5-4	.63	5-4	1.04	5-4	1.09	5-4	1.11	5-4	1.11	5-4	1.11	9-5	1.27	
1942	4-18	1.23	4-18	.66	4-18	.74	4-18	1.07	4-18	1.24	4-18	1.30	4-7	1.55	4-7	1.55	
1943	5-18	.66	5-9	.35	5-9	.46	5-9	.90	5-9	1.15	5-9	1.38	5-17	1.89	5-16	2.19	
1944	4-9	.51	4-9	.34	4-9	.43	5-26	.53	5-26	.63	5-26	.63	5-26	.63	5-26	.63	
1945	6-21	3.20	6-21	1.06	6-21	1.14	6-21	1.27	6-21	1.29	6-21	1.29	6-21	1.29	6-21	1.71	
1946	5-6	1.10	5-6	.26	5-6	.30	5-6	.33	5-6	.44	5-6	.44	5-6	.44	4-28	.45	
1947 b	4-8	1.46	4-8	.60	4-8	.65	4-8	.73	4-12	.76	4-11	1.12	4-11	1.79	4-8	3.10	

Notes: Quality of records: good. b - Record discontinued Dec. 31, 1947. p - No record on 3-5-33, the date of peak and volume producing storm at nearby station.

Notes: Quality of records: good. b - Record discontinued Dec. 31, 1947. p - No record on 3-5-33, the date of peak and volume producing storm at nearby station.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				GUTHRIE, OKLAHOMA				Watershed W-1								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1937		0		0		0		0		0		0		0		0
1938		0		0		0		0		0		0		0		0
1939		0		0		0		0		0		0		0		0
1940	5-8 c	.01	5-8	T	5-8	T	5-8	T	5-8	T	5-8	T	5-8	T	5-8	T
1941	9-5	.11	9-5	.03	9-5	.03	10-28	.05	10-28	.05	10-28	.10	10-28	.10	10-28	.10
1942	4-18	.54	4-18	.39	4-18	.49	4-18	.89	4-18	.91	4-18	.91	4-18	.99	4-18	1.08
1943	5-18	.20	5-18	.16	5-18	.31	5-18	.60	5-18	.64	5-18	.64	5-17	.68	5-17	.68
1944	4-9	.04	5-26	.01	5-26	.02	5-26	.02	5-26	.02	5-26	.02	5-26	.02	5-26	.02
1945		d		d		d		d		d		d		d		d
1946	5-6	.03	5-6	.02	5-6	.02	5-6	.02	5-6	.02	5-6	.02	5-6	.02	5-6	.02
1947	5-15	.46	5-15	.26	5-15	.33	5-15	.47	5-15	.61	5-15	.65	4-11	.95	4-8	1.22
1948	6-23	.02	6-23	.01	6-23	.01	6-22	.01	6-22	.01	6-22	.01	6-22	.01	6-22	.01
1949	5-19	2.19	5-18	1.60	5-18	2.20	5-18	3.43	5-18	3.43	5-18	3.43	5-17	3.44	5-17	3.73
1950	8-1	.12	8-1	.08	8-1	.13	8-1	.13	8-1	.13	8-1	.13	8-1	.13	8-1	.13
1951	6-10	.75	6-10	.48	6-10	.53	6-10	.53	6-10	.53	6-10	.53	6-10	.53	6-10	.53
1952	5-23	T	5-23	T	5-23	T	5-23	T	5-23	T	5-23	T	5-23	T	5-23	T
1953 b		0		0		0		0		0		0		0		0

Notes: Quality of records: good. c - Peak rate of 5-8 was equalled on 6-10. d - Record not useable, record lost on 6-21-45 which gave peak rate and volumes for nearby stations. b - Record discontinued Dec. 31, 1953.

Notes: Quality of records: good. c - Peak rate of 5-8 was equalled on 6-10. d - Record not useable, record lost on 6-21-45 which gave peak rate and volumes for nearby stations. b - Record discontinued Dec. 31, 1953.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				GUTHRIE, OKLAHOMA				Watershed W-11								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1942	4-18	1.66	4-18	.11	4-18	.14	4-18	.26	4-18	.27	4-18	.27	4-18	.28	4-18	.28
1943	5-18	.06	5-18	.05	5-18	.09	5-18	.17	5-18	.18	5-18	.21	5-17	.22	5-16	.22
1944	4-9	.10	4-9	.03	4-9	.03	4-9	.03	4-9	.03	4-9	.03	4-9	.03	4-9	.03
1945	6-21	.79	6-21	.23	6-21	.24	6-21	.24	6-21	.24	6-21	.24	6-21	.24	6-21	.34
1946	5-6	.05	5-6	T	5-6	T	5-6	T	5-6	T	5-6	T	5-6	T	5-6	T
1947	4-8	.27	4-8	.10	4-12	.11	4-12	.24	4-12	.26	5-15	.27	4-11	.41	4-8	.71
1948	6-23	.10	6-23	.04	6-23	.06	6-22	.07	6-22	.07	6-22	.07	6-22	.07	6-22	.07
1949		d		d		d		d		d		d		d		d
1950	6-10 c	.06	6-10	.02	8-1	.03	8-1	.04	8-1	.04	8-1	.04	8-1	.04	8-1	.04
1951	6-10	.38	6-10	.11	6-10	.11	6-10	.11	6-10	.11	6-10	.11	6-10	.11	6-10	.11
1952	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T	3-9	T
1953	8-5	.01	8-5	T	8-5	T	8-5	T	8-5	T	8-5	T	8-5	T	8-5	T
1954		O		O		O		O		O		O		O		O
1955 b	5-19	.08	5-19	.02	5-19	.02	5-19	.02	5-19	.02	5-19	.02	5-19	.02	5-19	.02

Notes: Quality of records: good. c - Peak rate of .06 was equalled on 7-21-50. d - Record not useable, as record lost for 5-18-49 which gave peak producing storm at nearby stations. b - Record discontinued Dec. 31, 1955.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

GUTHRIE, OKLAHOMA

Watershed W-III

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1942	4-18	1.37	4-18	.71	4-18	.79	4-18	1.16	4-18	1.21	4-18	1.21	4-18	1.21	4-9	1.79	4-7	1.80
1943	5-9	.75	5-9	.40	5-9	.54	5-9	.99	5-9	1.20	5-9	1.20	5-9	1.28	5-17	1.41	5-16	1.67
1944	4-9	.98	4-9	.59	5-26	.70	5-26	.76	5-26	.83	5-26	.83	5-26	.84	5-26	.84	5-26	.84
1945	6-21	3.34	6-21	1.19	6-21	1.30	6-21	1.41	6-21	1.42	6-21	1.42	6-21	1.42	6-21	1.42	6-21	2.03
1946	11-2	.67	5-6	.20	11-2	.22	5-6	.33	5-6	.33	5-6	.33	5-6	.33	5-6	.33	11-2	.43
1947	4-8	1.99	4-8	.90	4-8	.96	4-8	.96	5-15	1.21	5-15	1.21	5-15	1.30	4-11	2.15	4-8	3.72
1948	6-22	.94	6-23	.59	6-23	1.06	6-22	1.64	6-22	1.97	6-22	1.97	6-22	1.97	6-22	1.97	6-22	1.97
1949	5-19	4.71	5-18	2.57	5-18	3.23	5-18	5.06	5-18	5.06	5-18	5.06	5-18	5.06	5-17	5.59	5-17	6.30
1950	6-10	1.24	6-10	.87	6-10	1.17	6-10	1.24	6-10	1.24	6-10	1.24	6-10	1.24	6-10	1.24	5-10	1.24
1951	8-10	3.21	6-10	1.09	6-10	1.16	6-10	1.18	6-10	1.18	6-10	1.18	6-10	1.18	6-10	1.18	6-10	1.49
1952	8-8	.20	8-8	.11	3-10	.15	3-10	.21	3-10	.23	3-9	.41	3-9	.41	3-9	.42	3-9	.42
1953 b	12-2	.22	12-2	.20	12-2	.21	12-2	.21	12-2	.21	12-2	.21	12-2	.21	10-23	.28	10-23	.28

Notes: Quality of records: good. b - Record discontinued Dec. 31, 1953.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GUTHRIE, OKLAHOMA				Watershed W-IV			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1942	4-18	1.49	4-13	.68	4-18	.77	4-18	1.12	4-13	1.13	4-13	1.14	4-7	1.86	4-7	1.90	
1943	5-10	.62	5-10	.35	5-10	.48	5-10	.88	5-10	1.08	5-10	1.32	5-17	1.45	5-16	1.72	
1944	4-9	1.04	5-26	.61	5-26	.73	5-26	.80	5-26	.85	5-26	.85	5-26	.85	5-26	.85	
1945	6-26	1.81	6-10	.86	6-10	.98	6-10	1.08	6-10	1.08	6-10	1.08	6-10	1.11	6-10	1.35	
1946	5-6	1.25	5-6	.32	5-6	.35	5-6	.35	5-6	.51	5-6	.51	5-6	.51	11-2	.52	
1947	4-8	2.06	4-8	.87	4-8	.95	4-8	.99	4-8	1.00	5-15	1.24	4-11	2.47	4-8	4.34	
1948	6-23	.95	6-23	.57	6-23	1.06	6-23	1.81	6-22	2.18	6-22	2.18	6-22	2.18	6-22	2.18	
1949		d		d		d		d		d		d		d		d	
1950	7-21	1.29	6-10	.88	6-10	1.20	6-10	1.26	6-10	1.26	6-10	1.26	6-10	1.26	6-10	1.26	
1951	8-10	1.83	5-17	.34	5-17	.43	5-17	.51	5-17	.51	5-17	.57	5-17	.57	5-16	.93	
1952	5-23 c	.10	3-10	.07	3-10	.13	3-10	.19	3-10	.22	3-9	.36	3-9	.39	3-9	.39	
1953 b	9-3	.22	9-3	.13	3-3	.16	3-3	.24	3-3	.24	3-3	.24	3-3	.24	3-1	.26	

Notes: Quality of records: good. d - Record not useable, record of 5-8-49 lost due to mechanical failure and debris.
c - Peak rate of .10 was equalled on 8-8-52. b - Record discontinued Dec. 31, 1953.

Notes: Quality of records: good. d - Record not useable, record of 5-8-49 lost due to mechanical failure and debris.
c - Peak rate of .10 was equalled on 8-8-52. b - Record discontinued Dec. 31, 1953.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																GUTHRIE, OKLAHOMA				Watershed W-VI			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																				
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days								
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
1942	4-18	.42	4-18	.26	4-18	.39	4-9	.70	4-9	.89	4-8	.94	4-7	1.13	4-7	1.13							
1943	5-21	.19	5-21	.15	5-21	.27	5-21	.52	5-21	.57	5-20	.60	5-19	.77	5-16	.85							
1944	4-10	.31	5-26	.23	5-26	.28	5-26	.30	5-26	.32	5-26	.32	5-26	.32	5-26	.32							
1945	6-21	1.30	6-21	.62	6-21	.71	6-21	.78	6-21	.78	6-21	.78	6-21	.78	6-21	1.09							
1946	5-6	.18	5-6	.08	5-6	.09	5-6	.10	5-6	.12	5-6	.12	5-6	.12	11-2	.21							
1947	4-8	.95	4-8	.45	4-8	.48	4-8	.49	5-15	.54	5-15	.61	4-11	.94	4-8	1.73							
1948	6-23	.24	6-23	.17	6-23	.31	6-22	.44	6-22	.57	6-22	.57	6-22	.57	6-22	.57							
1949	5-19	2.84	5-18	1.62	5-18	2.17	5-18	3.39	5-18	3.40	5-18	3.40	5-17	3.53	5-17	3.88							
1950	6-10	.34	6-10	.25	6-10	.34	6-10	.37	6-10	.37	6-10	.37	6-10	.37	6-10	.37							
1951	6-10	.73	6-10	.46	6-10	.52	6-10	.55	6-10	.55	6-10	.55	6-10	.55	6-10	.67							
1952	8-8	.03	8-8	.02	8-8	.02	5-23	.03	5-23	.03	5-23	.03	5-23	.03	5-17	.05							
1953	8-18	.30	8-18	.18	8-18	.24	8-18	.25	8-18	.25	8-18	.25	8-18	.25	8-18	.25							
1954	5-2	.08	5-2	.03	5-2	.04	5-2	.04	5-2	.04	5-2	.04	5-2	.04	4-30	.05							
1955 b	5-18	.23	5-18	.13	5-18	.16	5-18	.19	5-18	.19	5-18	.19	5-18	.35	5-18	.36							

Notes: Quality of records: good. b - Record discontinued Dec. 31, 1955.

Notes: Quality of records: good. b - Record discontinued Dec. 31, 1955.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MUSKOGEE, OKLAHOMA Watershed W-1									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1940	11-22	1.26	11-22	.41	11-22	.65	11-22	.77	11-22	.78	11-22	.78	11-22	.78	11-20	1.87			
1941	4-18	2.39	10-29	1.15	10-29	1.78	10-29	3.73	10-29	5.28	10-29	5.88	10-29	7.13	10-25	7.17			
1942	11-17	1.03	11-17	.43	4-24	.67	4-24	1.22	4-24	1.44	4-24	1.50	4-7	1.61	4-20	2.16			
1943	5-9	2.32	5-9	1.36	5-9	1.62	5-9	1.96	5-9	3.68	5-9	6.01	5-9	7.70	5-9	7.77			
1944	3-15	1.50	3-15	.53	3-15	.88	3-15	1.24	3-15	1.77	3-15	1.87	3-15	1.89	3-15	3.67			
1945	4-14	2.81	4-14	1.80	4-14	2.44	4-14	3.50	5-9	3.58	4-13	6.32	4-13	7.65	4-12	9.17			
1946 b	6-30	4.00	6-30	.99	6-30	1.15	6-30	1.19	12-19	1.45	12-19	2.18	12-9	2.54	12-9	4.22			

Notes: Quality of record; good 1939-1943, fair 1944, 1946, 1947, poor 1945. b - Record discontinued Sept. 22, 1947.

Notes: Quality of record; good 1939-1943, fair 1944, 1946, 1947, poor 1945. b - Record discontinued Sept. 22, 1947.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1940	7-20	1.34	7-20	.81	7-20	1.37	7-20	1.83	7-20	1.87	7-20	1.87	7-20	1.87	11-20	2.39
1941	4-18	2.02	4-18	1.14	10-29	1.79	10-29	3.92	10-29	5.39	10-29	6.17	10-29	6.56	10-25	6.69
1942	5-22	1.58	5-5	.89	4-27	1.12	4-27	1.62	12-26	1.77	12-26	1.87	12-26	1.90	4-20	3.23
1943	5-9	2.01	5-9	1.49	5-9	1.80	5-9	2.23	5-9	4.11	5-9	6.63	5-9	8.04	5-9	8.21
1944	6-9	.93	6-9	.75	6-9	1.06	6-9	1.24	3-15	1.61	3-15	1.68	3-15	1.89	3-15	3.23
1945 b	6-10	1.52	6-10	.96	4-14	1.39	4-14	2.51	4-14	2.76	4-14	3.98	4-13	6.20	4-11	6.88

Notes: Quality of record; good 1939, fair 1940, 1943, 1944, poor 1941, 1942, 1945. b - Record discontinued Sept. 22, 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MUSKOGEE, OKLAHOMA Watershed W-IV										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1939	10-26	.09	10-26	.01	6-28	.01	10-26	.02	10-26	.04	10-26	.04	10-26	.04	10-26	.04				
1940	4-11	.32	4-11	.16	4-11	.26	4-11	.34	4-11	.38	4-11	.40	4-10	.45	4-6	.51				
1941	4-18	1.78	10-29	.80	10-29	1.26	10-29	2.78	10-29	4.52	10-29	5.35	10-29	6.85	10-25	7.37				
1942	12-26	1.19	12-26	.55	4-24	.81	12-26	1.39	12-26	1.72	12-26	1.85	12-26	1.98	4-24	2.61				
1943	5-9	2.49	5-9	1.48	5-9	1.79	5-9	2.85	5-9	4.59	5-9	8.16	5-9	10.35	5-9	10.71				
1944	11-14	1.13	11-14	.64	3-15	.92	3-15	1.63	3-15	1.95	3-15	2.28	3-15	2.38	3-15	4.38 e				
1945	4-14	2.84	4-14	1.07	4-14	1.56	4-14	2.96	4-13	3.44	4-13	6.13	4-13	8.17	4-11	9.60 e				
1946 b	4-29	.52 c	4-29	.43	12-9	.59	4-29	.76	12-9	1.13	12-9	2.63	12-9	3.01	12-9	4.75 e				

Notes: Quality of records; good 1938-1939, fair 1940-1943, poor 1944-1947. c - Rate was equalled on 5-17 and 12-9.
b - Record discontinued Sept. 22, 1947. e - partially estimated.

Notes: Quality of records; good 1939-1939, fair 1940-1943, poor 1944-1947. c - Rate was equalled on 5-17 and 12-9.
b - Record discontinued Sept. 22, 1947. e - partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STILLWATER, OKLAHOMA Watershed W-1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1951	7-15	5.89	7-15	3.31	7-15	3.74	7-15	3.96	7-15	3.97	7-14	5.18	7-14	5.20	7-14	5.20	7-14	5.20		
1952	6-5	1.27	6-5	0.92	6-5	1.47	6-5	1.68	6-4	1.80	6-4	1.81	6-4	1.81	6-4	1.81	6-1	1.90		
1953	5-12	1.73	5-12	0.80	5-12	1.03	5-12	1.18	5-12	1.19	5-12	1.19	5-10	1.58	5-10	1.58	5-10	1.79		
1954	5-1	1.44	5-1	0.45	5-1	0.51	5-1	0.55	5-1	0.56	5-1	0.57	5-1	0.57	5-1	0.57	4-29	0.73		
1955	5-26	3.03	5-26	1.28	5-26	1.85	5-26	2.11	5-26	2.11	5-19	2.36	5-19	3.28	5-19	3.28	5-19	6.30		
1956		0		0		0		0		0		0		0		0		0		

Notes: p - Record starts on July 1, 1951. Quality of records is good.

Notes: p - Record starts on July 1, 1951. Quality of records is good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STILLWATER, OKLAHOMA										Watershed W-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														2 days		1 day		8 days								
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		1 day								8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.									
p 1951	7-15	4.74	7-15	2.87	7-15	3.49	7-15	3.80	7-15	3.80	7-14	5.01	7-14	5.01	7-14	5.01	7-14	5.01	7-14	5.01									
1952	6-4	0.86	6-5	0.79	6-5	1.29	6-5	1.55	6-4	1.65	6-4	1.66	6-4	1.66	6-4	1.66	6-1	1.66	6-1	1.74									
1953	5-12	0.60	5-12	0.45	5-12	0.69	5-12	0.78	5-12	0.80	5-12	0.80	5-12	0.80	5-10	0.86	5-10	0.86	5-10	0.96									
1954	5-1	0.42	5-1	0.27	5-1	0.35	5-1	0.40	5-1	0.40	5-1	0.40	5-1	0.40	5-1	0.40	5-1	0.40	5-1	0.42									
1955	5-26	2.35	5-26	1.21	5-26	1.81	5-26	2.13	5-26	2.16	5-26	2.16	5-26	2.16	5-19	3.34	5-19	3.34	5-19	6.29									
1956	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01	7-5	0.01									

Notes: p - Record starts on July 1, 1951. Quality of records is good.

Notes: p - Record starts on July 1, 1951. Quality of records is good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										STILLWATER, OKLAHOMA				Watershed W-4			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
p 1951	7-15	1.62	7-15	1.16	7-15	1.48	7-15	1.69	7-15	1.79	7-14	2.49	7-14	2.52	7-14	2.52	
1952	6-5	0.84	6-5	0.67	6-5	1.03	6-5	1.24	6-4	1.35	6-4	1.36	6-4	1.36	6-1	1.40	
1953	5-12	0.61	5-12	0.40	5-12	0.55	5-12	0.62	5-12	0.67	5-12	0.67	5-10	0.75	5-10	0.88	
1954	5-1	0.31	5-1	0.20	5-1	0.24	5-1	0.27	5-1	0.28	5-1	0.29	4-30	0.31	4-30	0.39	
1955	5-26	1.39	5-26	0.99	5-26	1.52	5-26	1.84	5-26	1.87	5-25	1.95	5-19	2.57	5-18	4.75	
1956	7-5	0.42	7-5	0.25	7-5	0.29	7-5	0.31	7-5	0.31	7-5	0.31	7-5	0.31	7-5	0.31	

Notes: p - Record starts on July 1, 1951. Quality of records is fair.

Notes: p - Record starts on July 1, 1951. Quality of records is fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GARLAND, TEXAS		Watershed W-1		
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	6-19	.04	6-19	.06	6-19	.08	6-19	.11	6-19	.11	6-19	.11	6-19	.11
1940	4-6	.38	4-6	.63	4-6	.96	4-6	1.16	4-6	1.19	4-6	1.19	4-6	1.23
1941	6-13	.26	6-13	.42	6-10	.61	6-10	.66	6-10	.66	6-13	.80	6-6	1.70
1942	4-20	1.14	4-20	1.33	4-20	1.59	4-20	1.61	4-20	1.61	4-20	1.61	4-20	3.06
1943	6-6	1.68	6-6	2.57	6-6	3.59	6-6	3.62	6-6	3.63	6-6	3.63	6-6	3.63
1944	5-1	.20	5-1	.36	5-1	.64	5-1	.84	5-1	.84	5-1	.84	5-1	.84
1945	3-30	1.27	3-30	1.71	3-29	2.68	3-29	2.74	3-29	4.32	3-29	4.75	3-29	5.58
1946 b	5-29	2.03	5-29	1.55	5-29	1.84	5-29	1.96	5-29	1.96	5-29	2.57	11-2	3.47

Notes: Quality of records; good 1938-1940, fair 1941-1944, 1946, poor 1945. b - Record discontinued Sept. 20, 1947.

Notes: Quality of records; good 1938-1940, fair 1941-1944, 1946, poor 1945. b - Record discontinued Sept. 20, 1947.

1-30

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GARLAND, TEXAS				Watershed W-III			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	3-29	.03	4-16	.01	4-16	.02	4-16	.02	4-16	.02	4-16	.02	4-16	.02	4-16	.02	
1940	12-31	1.89	12-31	1.01	12-31	1.13	12-31	1.18	4-6	1.31	4-6	1.32	4-6	1.32	12-26	2.11	
1941	4-22	1.41	4-22	.59	4-22	.67	4-22	1.24	4-22	1.25	4-22	1.35	4-22	1.46	6-6	2.76	
1942	4-20	3.93	4-20	1.57	4-20	1.99	4-20	2.36	4-20	2.40	4-19	2.52	4-7	3.41	4-7	3.60	
1943	6-6	3.41	6-6	2.45	6-6	3.62	6-6	4.73	6-6	4.76	6-6	4.76	6-6	4.76	6-6	4.76	
1944	5-1	.69	5-1	.50	5-1	.83	5-1	1.47	5-1	1.64	5-1	1.65	5-1	1.67	4-30	2.03	
1945	3-29	2.43	3-29	1.53	3-29	2.87	3-29	3.67	3-29	3.70	3-29	6.33	3-29	6.67	3-28	7.52	
1946 b	5-29	4.33	5-29	1.25	5-29	2.11	5-29	2.80	5-29	2.82	5-29	2.82	5-28	3.86	5-26	4.09	

Notes: Quality of records; good 1938-1940, fair 1941-1944, poor 1945-1947. b - Record discontinued Sept. 20, 1947.

Notes: Quality of records; good 1938-1940, fair 1941-1944, poor 1945-1947. b - Record discontinued Sept. 20, 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										GARLAND, TEXAS				Watershed W-IV			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	4-16	1.19	6-18	.24	4-16	.27	6-18	.50	6-18	.70	6-18	.83	6-18	.84	6-18	.84	
1940	5-17	2.69	12-31	.69	4-6	.90	4-6	1.45	4-6	2.50	4-6	2.55	4-6	2.56	4-6	2.77	
1941	10-1	1.31	10-1	.93	10-1	1.54	10-1	1.83	10-1	1.84	10-1	1.85	10-1	2.33	6-6	2.57	
1942	5-19	3.52	4-20	1.46	4-20	1.86	4-20	2.20	4-19	2.31	4-19	2.32	5-18	2.59	4-19	4.95	
1943		d		d		d		d		d		d		d		d	
1944	5-30	2.26	5-30	.66	5-1	.99	5-1	1.74	5-1	1.97	5-1	1.97	5-1	2.01	4-30	2.91	
1945	6-12	2.98	6-12	1.62	5-29	2.49	5-29	3.50	5-29	3.87	5-29	5.89	5-29	6.68	5-28	7.28	
1946 b	5-29	7.42	5-29	.92	5-29	1.60	5-29	2.14	5-29	2.14	5-29	2.60	5-28	3.36	5-25	3.69	
Notes: Quality of records; good 1939-1940, fair 1941, 1944-1946, poor 1942-1943, 1947. b - Record discontinued Sept. 20, 1947. d - Records not useable.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS				Watershed 1			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1927	6-1	.39	6-1	.11	6-1	.11	6-1	.11	6-1	.11	6-1	.11	6-1	.11	6-1	.11	
1928	8-4	.49	8-4	.39	8-4	.56	8-4	.59	8-4	.59	5-18	.80	7-30	1.12			
1929	9-8	1.19	9-8	.71	9-8	.89	9-8	.90	9-8	.90	9-8	.90	9-8	.90	9-8	.90	
1930	9-7	.21	10-23	.16	10-23	.23	10-23	.35	10-23	.35	10-23	.35	10-23	.35	10-23	.35	
1931	5-25	.03	5-25	.03	5-25	.04	5-25	.04	5-25	.04	5-25	.04	5-25	.04	5-25	.04	
1932	6-20	1.14	6-20	.66	6-20	.79	6-20	.80	6-20	.80	6-20	.80	6-20	.80	6-20	.80	
1933	8-2	.13	8-2	.08	8-2	.10	8-2	.13	8-2	.13	8-2	.13	8-2	.13	8-2	.13	
1934	9-15	.24	9-15	.13	9-15	.19	9-15	.24	9-15	.24	9-15	.24	9-15	.24	9-15	.24	
1935	6-7	.65	6-7	.51	6-7	.69	6-7	1.04	6-7	1.11	6-7	1.13	6-7	1.13	6-1	1.24	
1936		p-1		p-1		p-1		p-1		p-1	9-20	1.58	9-20	1.58	9-20	1.58	
1937	8-24	.61	8-24	.54	8-24	.69	8-24	1.73	8-24	1.80	8-24	1.83	8-24	1.83	8-21	1.89	
1938	6-25	.25	6-25	.21	6-25	.40	6-25	.72	6-25	.76	6-25	1.18	6-24	1.49	6-24	1.49	
1939	10-8	.09	10-8	.08	10-8	.14	10-8	.15	10-8	.15	10-8	.18	10-8	.18	10-8	.18	
1940	11-24	.27	11-24	.21	11-24	.37	11-24	.50	11-24	.53	11-24	.53	11-24	.53	11-24	.53	
1941	9-17	.87	9-17	.57	9-17	1.12	9-17	1.66	5-2	2.72	5-2	3.40	5-2	3.69	4-29	4.80	
1942		p-2		p-2		p-2		p-2		p-2	6-14	.68e	6-14	.68e	6-14	.68e	
1943	7-3	.69	7-3	.53	7-3	.78	7-3	.87	7-3	.92	7-3	.92	7-3	.92	7-1	1.11	
1944	6-25	.15	6-25	.13	6-25	.14	6-25	.16	6-25	.17	6-25	.19	6-25	.19	6-25	.19	
1945 b	7-10	.42	7-10	.22	7-10	.31	7-10	.44	7-10	.46	6-4	.65	6-4	.65	9-25	1.07	

Notes: Quality of records: Fair. p-1 Runoff records not available for 9-20-36, volume taken from Station annual report. p-2 No record for 6-14-42. e - partially estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Fair. p-1 Runoff records not available for 9-20-36, volume taken from Station annual report.
p-2 No record for 6-14-42. e - partially estimated. b - Station discontinued 12-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS		Watershed 2					
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1927	6-1	.17	6-1	.13	6-1	.20	6-1	.24	6-1	.24	6-1	.24	6-1	.24	6-1	.24	
1928	5-18	.39	8-4	.29	5-18	.40	5-18	.53	5-18	.53	5-18	.53	5-18	.78	7-30	.84	
1929	9-8	.65	9-8	.56	10-11	.60	10-11	.91	10-11	.91	10-11	.91	10-11	1.07	10-11	1.07	
1930	8-7	.23	10-23	.17	10-23	.31	10-23	.44	10-23	.44	10-23	.44	10-23	.44	10-23	.44	
1931	5-25	.19	5-25	.12	5-25	.15	5-25	.17	5-25	.17	5-25	.17	5-25	.17	5-25	.17	
1932		p-1		p-1		p-1		6-20	1.51	6-20	1.51	6-20	1.51	6-20	1.51	6-20	1.51
1933	8-2	.31	8-2	.22	8-2	.30	8-2	.33	8-2	.33	8-2	.33	8-2	.33	8-2	.33	
1934	9-15	.49	9-15	.38	9-15	.53	9-15	.60	9-15	.60	9-15	.60	9-15	.60	9-15	.60	
1935	5-17	.54	5-17	.37	6-7	.56	6-7	.68	5-17	.75	5-17	.75	5-17	.75	6-17	.91	
1936	9-20	1.39	9-20	1.29	9-20	1.91	9-20	2.54	9-20	2.70	9-20	2.71	9-20	2.71	9-20	2.71	
1937	8-24	.99	8-24	.83	8-24	1.36	8-24	2.12	8-24	2.35	8-24	2.40	8-24	2.40	8-21	3.25	
1938	7-21	.90	7-21	.51	7-21	.83	7-21	.91	6-25	1.20	6-25	1.40	6-24	1.56	6-24	1.58	
1939	10-8	.20	10-8	.18	10-8	.31	10-8	.39	10-8	.42	10-8	.45	10-8	.45	10-8	.45	
1940	8-17	.45	8-17	.33	11-24	.43	11-24	.85	11-24	1.53	11-24	1.63	11-24	1.63	11-24	1.63	
1941	6-15	1.05	5-2	.72	6-15	1.03	5-2	1.36	5-2	2.59	5-2	3.01	5-2	3.10	4-29	4.44	
1942		p-2		p-2		p-2		p-2	p-2	p-2	p-2	p-2	10-17	1.70e	10-17	1.70e	
1943	7-3	.99	7-3	.85	7-3	.98	7-3	1.55	7-3	1.56	7-3	1.68	7-3	1.68	7-1	1.79	
1944	6-25	.65	6-25	.44	6-25	.51	6-25	.54	6-25	.54	6-25	.56	6-25	.56	6-25	.69	
1945 b	6-4	1.05	6-4	.77	6-4	1.03	6-4	1.25	6-4	1.26	6-4	1.27	6-4	1.29	9-25	1.68	

Notes: Quality of records: Fair. p-1 Runoff records not available for 6-20-32, volume taken from Station annual report. p-2 No record for 6-14-42 nor 10-17-42. e - Partially estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Fair. p-1 Runoff records not available for 6-20-32, volume taken from Station annual report. p-2 No record for 6-14-42 nor 10-17-42. e - Partially estimated. b - Station discontinued 12-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				SPUR, TEXAS				Watershed 3						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1927	6-1	.23	6-1	.18	6-1	.25	6-1	.31	6-1	.31	6-1	.31	6-1	.31
1928	5-18	.43	8-4	.31	5-18	.54	5-18	.63	5-18	.63	5-18	.94	7-30	.95
1929	9-8	.89	9-8	.69	9-8	.81	9-8	.95	9-8	.95	9-8	.95	9-8	.95
1930	12-4	.13	12-4	.13	12-4	.24	12-4	.44	12-4	.45	12-4	.51	12-4	.51
1931	5-25	.05	5-25	.04	5-25	.06	5-25	.06	5-25	.06	5-25	.06	5-25	.06
1932	6-20	.72	6-20	.50	6-20	.68	6-20	.76	6-20	.76	6-20	.76	6-20	.76
1933	5-24	.06	5-24	.06	5-24	.08	5-24	.15	5-24	.16	5-24	.16	5-24	.16
1934		p-1		p-1		p-1	9-15	.26	9-15	.26	9-15	.26	9-15	.26
1935	5-17	.37	6-7	.25	6-7	.39	6-7	.57	6-7	.57	6-7	.57	5-31	.65
1936	9-20	1.12	9-20	.92	9-20	1.12	9-20	1.37	9-20	1.39	9-20	1.39	9-18	1.54
1937	8-24	.56	8-24	.45	8-24	.76	8-24	1.22	8-24	1.23	8-24	1.25	8-21	1.46
1938	7-22	.58	7-22	.48	6-24	.69	6-24	1.08	6-24	1.16	6-24	1.80	6-24	1.80
1939	10-8	.07	10-8	.05	10-8	.08	10-8	.10	10-8	.13	10-8	.13	10-8	.13
1940	11-25	.03	11-24	.03	11-24	.05	11-24	.08	11-24	.11	11-24	.14	11-24	.14
1941	9-17	.50	9-17	.48	9-17	.72	9-17	1.19	5-2	1.79	5-2	2.39	4-29	4.04
1942	9-19 c	T	9-19	T	9-19	.01	9-19	.03	9-19	.03	9-19	.04	9-19	.04
1943	7-3	.07		p-2	p-2	p-2	p-2	p-2	p-2	p-2	7-3	1.07e	7-3	1.07e
1944 b	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T

Notes: Quality of records: Fair. p-1 Runoff record not available for 9-15-34, total runoff taken from Station annual report
c - Peak rate equalled on 10-17-42. p-2 -Clock stopped 7-3-43. e - Runoff estimated. b - Station discontinued 12-31-44

Notes: Quality of records: Fair. p-1 Runoff record not available for 9-15-34, total runoff taken from Station annual report
c - Peak rate equalled on 10-17-42. p-2 - Clock stopped 7-3-43. e - Runoff estimated. b - Station discontinued 12-31-44

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS		Watershed 5				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1927	6-1	.72	6-1	.43	6-1	.51	6-1	.59	6-1	.64	6-1	.64	6-1	.64	6-1	.64
1928	8-4	1.00	8-4	.63	7-23	.73	7-23	.82	7-23	.85	7-23	.85	5-18	1.13	7-23	1.43
1929	9-9	2.17	9-9	.99	10-11	1.20	10-11	1.58	10-11	1.58	10-11	1.58	10-11	1.81	10-11	1.81
1930	8-7	.58	8-7	.25	12-4	.40	12-4	.60	12-4	.68	12-4	.68	12-4	.68	12-4	.68
1931	5-25	.39	5-25	.14	5-25	.15	5-25	.15	5-25	.15	5-25	.15	5-25	.15	5-25	.15
1932	6-20	1.99	6-20	.70	6-20	.78	6-20	.81	6-20	.81	6-20	.81	6-20	.81	6-20	.81
1933	6-24	.55	8-1	.29	6-24	.32	6-24	.40	6-24	.44	5-24	.44	5-24	.44	5-24	.44
1934	9-15	1.43	9-15	.73	9-15	.93	9-15	.97	9-15	.97	9-15	.97	9-15	.97	9-15	.97
1935	5-17	1.04		p-1		p-1	6-7	.86	6-7	.86	6-7	.86	6-7	.86	6-17	1.00
1936	9-20	1.49	9-20	1.24	9-20	1.78	9-20	2.04	9-20	2.12	9-20	2.12	9-20	2.12	9-18	2.36
1937	8-24	.69	8-24	.50	8-24	.68	8-24	1.19	8-24	1.22	8-24	1.26	8-24	1.26	8-21	1.56
1938	7-22	.46	7-22	.20	7-22	.27	7-22	.30	7-22	.30	6-24	.45	6-24	.45	6-24	.45
1939	10-8	.01	10-8	.01	10-8	.01	10-8	.03	10-8	.04	10-8	.07	10-8	.07	10-8	.07
1940	8-17	.34	8-17	.19	8-17	.25	8-17	.33	8-17	.36	8-17	.39	8-17	.39	8-17	.39
1941	9-17	.87		p-2		p-2	p-2	p-2	p-2	p-2	10-3	1.53e	10-3	1.53e	9-29	1.80e
1942	9-19	.38	9-19	.23	9-19	.33	9-19	.66	9-19	.77	9-19	.82	9-19	.82	9-19	.82
1943	7-3	.85	7-3	.40	7-3	.68	7-3	.80	7-3	.80	7-3	.84	7-3	.84	7-1	.88
1944	6-25	.35	6-25	.24	6-25	.30	6-25	.38	6-25	.40	6-25	.43	6-25	.43	6-25	.50
1945 b		p-3		p-3		p-3	p-3	p-3	p-3	p-3		p-3		p-3	9-25	1.14

Notes: Quality of records: Fair. p-1 Record not available for 6-7-35 which gave maximum one and two hour volumes at some stations. Volumes taken from Station annual report. p-2 Outside water entered watershed on 9-17-41 after peak had occurred p-3 No record for 1945, 8 day volume taken from annual report. e - estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Pair. p-1 Record not available for 6-7-35 which gave maximum one and two hour volumes at some stations. Volumes taken from Station annual report. p-2 Outside water entered watershed on 9-17-41 after peak had occurred p-3 No record for 1945, 8 day volume taken from annual report. e - estimated. b - Station discontinued 12-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS				Watershed 6				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1927	6-1	.08	6-1	.05	6-1	.09	6-1	.11	6-1	.11	6-1	.11	6-1	.11	6-1	.11		
1928	5-18c	.15	5-18	.13	5-18	.19	5-18	.23	5-18	.23	5-18	.23	5-18	.33	7-30	.40		
1929	9-8	.29	9-8	.28	9-8	.38	9-8	.42	9-8	.42	10-11	.46	10-11	.46	10-11	.46		
1930	12-4	.12	12-4	.12	12-4	.22	12-4	.30	12-4	.36	12-4	.36	12-4	.36	12-4	.36		
1931	6-29	.02	6-29	T	6-29	T	6-29	.05	6-29	.05	6-29	.05	6-29	.05	6-29	.05		
1932		p-1		p-1	6-20	p-1	6-20	.52	6-20	.52	6-20	.52	6-20	.52	6-20	.52		
1933	8-2	.04	8-2	.02	8-2	.02	8-2	.02	8-2	.02	8-2	.02	8-2	.02	8-2	.02		
1934		0		0		0		0		0		0		0		0		
1935	6-23	.30	6-23	.26	6-23	.39	6-23	.45	6-23	.45	6-23	.45	6-23	.45	6-17	.49		
1936		p-1		p-1		p-1		p-1		p-1	9-20	1.94	9-20	1.94	9-20	1.94		
1937	8-21	1.17	8-21	.71	8-21	1.08	8-21	1.86	8-21	1.87	8-21	1.92	8-21	1.92	8-21	2.27		
1938	7-22	1.49	7-22	.70	7-22	.71	7-22	.71	7-22	.71	6-24	.99	6-24	1.03	6-24	1.03		
1939	10-8	.26	10-8	.21	10-8	.32	10-8	.36	10-8	.37	10-8	.42	10-8	.42	10-8	.42		
1940	8-17	1.26	10-30	.51	10-30	.66	10-30	.74	10-30	.74	10-30	.74	10-30	.74	10-30	.74		
1941	4-29	1.20	5-2	.88	9-17	1.55	9-17	1.77	5-2	2.08	5-2	2.19	5-2	2.34	4-29	3.60		
1942	6-15	.50	9-19	.37	9-19	.53	9-19	.87	9-19	1.04	9-19	1.07	9-19	1.07	9-19	1.07		
1943		p-2		p-2		p-2		p-2		p-2	p-2	p-2	7-3	3.39e	7-1	3.55e		
1944	6-25	.97	6-25	.46	6-25	.50	6-25	.51	6-25	.51	6-25	.54	6-25	.54	6-25	.65		
1945 b	6-4	1.15	6-4	.58	6-4	.68	6-4	.84	6-4	.86	6-4	.89	6-4	.89	9-25	1.56		

Notes: Quality of records: Pair. c- Peak rate of 5/18/28 was equalled 8/4/28. p-1 -Record not available for peak producing storms. Totals from station annual report. p-2 -No record for 7-3-4/3. e - estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Fair. c-Peak rate of 5/18/28 was equalled 8/4/28. p-1 -Record not available for peak producing storms. Totals from station annual report. p-2 -No record for 7-9-43. e - estimated. b - Station discontinued 12-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS				Watershed 11			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1930																	
1931	5-25	p	5-25	p	5-25	p	12-4	.15	12-4	.15	12-4	.15	12-4	.15			
1932	6-20	.64	6-20	.32	6-20	.50	5-25	.12	5-25	.12	5-25	.12	5-25	.12			
1933	7-6	.01	7-6	T	7-6	.01	6-20	.56	6-20	.56	6-20	.56	6-20	.56			
1934	9-15	.25	9-15	.23	9-15	.26	7-6	.03	7-6	.03	7-6	.03	7-6	.03			
1935	5-17	.26	5-17	.26	5-17	.45	9-15	.54	9-15	.55	9-15	.55	9-15	.55			
1936	9-20	.82	9-20	.70	9-20	1.12	5-17	.65	5-17	.91	5-17	.95	5-17	.95			
1937	8-21	.23	8-21	.23	8-21	.45	9-20	1.50	9-20	1.51	9-20	1.51	9-18	2.05			
1938	7-21	.22	7-21	.16	7-21	.24	8-21	.70	8-21	.71	8-21	.73	8-21	1.00			
1939	10-8	.05	10-8	.03	10-8	.04	7-21	.28	7-21	.29	6-24	.36	6-24	.36			
1940	8-17	.15	8-17	.11	8-17	.19	10-8	.07	10-8	.14	10-8	.17	10-8	.17			
1941	4-29	.45	5-2	.36	5-2	.54	8-17	.23	8-17	.26	8-17	.26	8-17	.26			
1942	9-19	.19	9-19	.11	9-19	.22	5-2	.81	5-2	1.27	5-2	1.36	4-29	2.07			
1943	7-3	.57	7-3	.51	7-3	.68	10-17	.65	10-17	.83	10-17	.83	10-17	.83			
1944	6-25	.24	6-25	.20	6-25	.30	7-3	1.24	7-3	1.24	7-3	1.25	7-1	1.51			
1945	6-4	.32	6-4	.22	6-4	.41	6-25	.32	6-25	.33	6-25	.34	6-25	.39			
							6-4	.52	6-4	.52	6-4	.52	9-25	1.07			

Notes: Quality of records: Fair. p - Record not available for 12-4-30 which gave peak rate and volumes at nearby stations. Total taken from Station annual report.

Notes: Quality of records: Fair. p - Record not available for 12-4-30 which gave peak rate and volumes at nearby stations. Total taken from Station annual report.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS Watershed 12										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1930		0		0		0		0		0		0		0		0				
1931		0		0		0		0		0		0		0		0				
1932		0		0		0		0		0		0		0		0				
1933		0		0		0		0		0		0		0		0				
1934		p		p		p	9-15	.02	9-15	.03	9-15	.03	9-15	.03	9-15	.03				
1935		p		p		p		p		p		p		p		p				
1936	9-20	.29	9-20	.22	9-20	.36	9-20	.50	9-20	.51	5-17	.04	5-17	.04	5-17	.04				
1937		p		p		p		p		p		p		p		p				
1938		0		0		0		0		0		0		0		0				
1939	10-3	T	10-3	T	10-3	T	10-3	T	10-3	.01	10-3	.01	10-3	.01	10-3	.01				
1940	11-24	.02	11-24	.01	11-24	.02	11-24	.02	11-24	.05	11-24	.05	11-24	.05	11-24	.05				
1941	9-13	.17	9-13	.13	9-13	.13	9-13	.03	9-13	.03	5-2	.77	5-2	.77	4-20	.92				
1942	6-14	.05	6-14	.04	6-14	.07	6-14	.12	6-14	.14	6-14	.14	6-14	.14	6-14	.14				
1943	7-3	.32	7-3	.25	7-3	.35	7-3	.77	7-3	.77	7-3	.75	7-3	.75	7-1	.93				
1944	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T				
1945 b		p		p		p		p		p		p		p		p				

Notes: Quality of records: Fair. p - No record available for that rate and volume production starts. Total - taken from Station annual report. b - Station discontinued 11-31-45.

Notes: Quality of records: Fair. p - No record available for said date and volume production starts. Total - taken from Station annual report. b - Station discontinued 11-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SPUR, TEXAS				Watershed 14			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1930	12-4	.05	12-4	.05	12-4	.08	12-4	.18	12-4	.20	12-4	.24	12-4	.24	12-4	.24	
1931	5-25	.13	5-25	.10	5-25	.14	5-25	.20	5-25	.20	5-25	.20	5-25	.20	5-25	.20	
1932	6-20	.70	6-20	.37	6-20	.56	6-20	.66	6-20	.66	6-20	.66	6-20	.66	6-20	.66	
1933	7-6	.15	7-6	.12	7-6	.17	7-6	.22	7-6	.25	7-6	.25	7-6	.25	7-6	.25	
1934		p-1		p-1		p-1	9-15	.40	9-15	.40	9-15	.40	9-15	.40	9-15	.40	
1935	5-17	.32	5-17	.28	5-17	.42	5-17	.69	5-17	.93	5-17	.97	5-17	.97	5-17	.97	
1936	9-20	1.21	9-20	1.00	9-20	1.44	9-20	1.71	9-20	1.78	9-20	1.78	9-20	1.78	9-18	2.09	
1937	8-24	.32	8-24	.25	8-24	.48	8-24	.84	8-24	.87	8-24	.90	8-24	.90	8-24	.90	
1938	6-4	.23	6-4	.17	6-4	.24	7-21	.28	6-4	.29	6-24	.44	6-24	.44	6-24	.44	
1939	10-8	.11		p-2		p-2		p-2		p-2	10-8	.15e	10-8	.15e	10-8	.15e	
1940	11-24	.19	11-24	.12	11-24	.22	11-24	.26	11-24	.30	11-24	.30	11-24	.30	11-24	.30	
1941	4-29	.60	4-29	.51	4-29	.90	4-29	1.19	4-29	1.24	5-2	1.35	5-2	1.35	4-29	2.59	
1942	6-14	.30		p-2		p-2		p-2		p-2	6-14	.47e	6-14	.47e	6-14	.47e	
1943	7-3	.68		p-2		p-2		p-2		p-2	6-25	p-2	6-25	p-2	7-1	1.38e	
1944		p-1		p-1		p-1		p-1		p-1	6-4	.43	6-25	.43	6-25	.50	
1945 b		p-1		p-1		p-1		p-1		p-1	6-4	.51	6-4	.51	9-25	1.03	

Notes:Quality of records: Fair. p-1 No record available for peak rate and volume producing storms. Totals taken from Station annual report. p-2 Record lost due to stopped clock on dates of maximum storms. e - estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Fair. p-1 No record available for peak rate and volume producing storms. Totals taken from Station annual report. p-2 Record lost due to stopped clock on dates of maximum storms. e - estimated. b - Station discontinued 12-31-45.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				SPUR, TEXAS				Watershed 15								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1930	10-23	.01	10-23	T	10-23	.01	10-23	.02	10-23	.03	10-23	.04	10-23	.04	10-23	.04
1931		0		0		0		0		0		0		0		0
1932		p-1		p-1		p-1		.72		.72		.72		.72		.72
1933		0		0		0		0		0		0		0		0
1934		p-1		p-1		p-1		.05		.05		.05		.05		.05
1935		p-1		p-1		p-1		.05		.05		.05		.05		.05
1936	9-20	.61	9-20	.54	9-20	.88	9-20	1.21	9-20	1.24	9-20	1.24	9-20	1.24	9-18	1.24
1937	8-24	.09	8-21	.09	8-24	.18	8-24	.33	8-24	.39	8-21	.46	8-21	.46	8-21	.91
1938		0		0		0		0		0		0		0		0
1939	10-8	T	10-8	T	10-8	.01	10-8	.02	10-8	.03	10-8	.05	10-8	.05	10-8	.05
1940	11-24	.06	11-24	.03	11-24	.03	11-24	.06	11-24	.07	11-24	.07	11-24	.07	11-24	.07
1941	9-18	.35	9-18	.30	9-18	.37	9-18	.98	9-18	1.07	5-2	1.15	5-2	1.15	4-29	1.42
1942	6-14	.05		p-2		p-2	p-2	p-2	p-2	p-2	6-14	.16e	6-14	.16e	6-14	.16e
1943	7-3	.27	7-3	.22	7-3	.43	7-3	.55	7-3	.56	7-3	.56	7-3	.56	7-1	.66
1944	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T	6-25	T
1945 b		p-1		p-1		p-1		p-1		p-1		.24	6-4	.24	9-25	.72

Notes: Quality of records: Fair. p-1 No record available for peak rate and volume producing storms. Totals taken from Station annual report. p-2 Record lost due to stopped clock on date of maximum storm. e - Estimated. b - Station discontinued 12-31-45.

Notes: Quality of records: Fair. p-1 No record available for peak rate and volume producing storms. Totals taken from Station annual report. p-2 Record lost due to stopped clock on date of maximum storm. e - Estimated. b - Station discontinued 12-31-45.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
			Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1943	10-12	.89	10-12	.54	10-12	.66	10-12	.71	10-12	.71	10-12	.71	10-12	.71	10-12	.71
1944 b	2-25	1.67	2-25	.82	2-25	.93	2-25	1.07	2-25	1.07	2-25	1.07	2-25	1.07	4-29	1.65

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										TYLER, TEXAS				Watershed #3			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	7-19	.16	3-30	.05	3-30	.05	12-16	.07	12-16	.07	3-30	.07	3-30	.07	1-7	.10	
1934	4-5	.14	4-5	.12	4-5	.23	4-5	.46	4-5	.59	4-5	.98	4-5	1.35	4-5	1.50	
1935	5-5	.25	5-5	.20	5-5	.32	5-5	.56	5-5	.64	5-5	.77	5-3	.92	5-2	1.21	
1936	5-9	1.01	5-9	.88	5-9	1.27	5-9	1.85	5-9	1.90	5-9	1.96	5-9	2.08	5-9	2.08	
1937	11-15	.14	11-15	.04	11-15	.04	11-15	.04	11-15	.04	11-15	.04	11-15	.04	11-15	.04	
1938	1-23	.40	1-23	.20	1-23	.25	1-23	.47	1-23	.52	1-23	.56	1-23	.66	1-23	1.02	
1939	2-25	.01	2-25	.01	2-25	.02	2-25	.07	2-25	.12	2-25	.20	2-25	.29	2-20	.38	
1940	11-23	.06	11-23	.05	11-23	.11	11-23	.28	11-23	.46	11-23	.92	11-23	1.09	11-23	1.34	
1941 b	6-7	.08	6-7	.03	6-7	.04	6-16	.10	6-16	.16	6-16	.22	6-15	.33	6-15	.40	

Notes: Quality of records: good. b - Record discontinued June 30, 1942.

Notes: Quality of records: good. b - Record discontinued June 30, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				TYLER, TEXAS				Watershed #4								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1931	6-16	2.96	6-16	.81	6-16	.84	6-16	.84	6-16	.84	6-16	.84	6-16	.84	6-13	1.18
1932	12-23	2.58	12-23	.78	12-23	.82	1-4	.94	1-4	1.80	1-4	2.11	1-4	2.11	12-23	4.41
1933	3-30	4.46	3-30	.94	3-30	1.02	3-30	1.06	3-30	1.12	3-30	1.12	3-30	1.12	3-24	1.40
1934	3-25	2.43	4-5	.77	4-5	1.24	4-5	2.05	4-5	2.14	4-5	3.11	4-5	3.36	4-5	3.43
1935	7-3	3.98	7-3	.86	10-27	1.00	12-6	1.33	12-6	1.65	12-6	1.74	12-6	1.74	5-2	2.59
1936		p		p		p		p		p		p		p	5-8	3.58e
1937	11-15	4.55	11-15	1.02	11-15	1.02	11-15	1.02	11-15	1.12	11-15	1.12	11-15	1.12	11-9	1.24
1938	3-28	3.55	1-23	1.03	1-23	1.13	1-23	1.39	1-23	1.66	1-23	1.66	1-23	1.66	1-23	1.66
1939	7-9	4.62	7-9	.75	7-9	.78	7-9	.78	7-9	.78	7-9	.78	7-9	.78	7-2	1.15
1940	6-28	5.06	6-28	1.34	6-28	1.50	6-28	1.50	6-28	1.50	6-28	1.50	11-23	1.61	6-28	2.76
1941 b	7-11	5.23	7-11	.93	7-11	.95	6-7	1.51	6-6	1.86	6-6	1.86	6-6	1.86	6-2	2.68

Notes: Quality of records: good. p - No record, lost for peak rate and volume producing storms of May 8-10.
e - Partially estimated. b - Record discontinued June 30, 1942.

Notes: Quality of records: good. p - No record, lost for peak rate and volume producing storms of May 8-10.
e - Partially estimated. b - Record discontinued June 30, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										TYLER, TEXAS				Watershed #5			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1933	3-30	2.47	7-19	.60	7-19	.65	7-19	.72	1-7	1.20	1-7	1.68	1-7	1.98	1-7	1.98	
1934	3-25	.90	3-25	.50	4-5	1.10	4-5	1.79	4-5	2.30	4-5	2.87	4-5	2.87	4-5	2.87	
1935	5-3	2.18	7-3	.51	10-27	.67	5-5	1.06	5-5	1.10	5-5	1.10	5-2	1.65	5-2	2.75	
1936	5-8	7.13	5-8	1.57	5-8	1.60	5-8	1.63	5-8	1.63	5-8	1.63	5-8	1.87	5-8	1.87	
1937	4-20	1.84	4-20	.31	12-16	.33	12-28	.90	12-28	1.08	12-28	1.25	12-28	1.43	12-21	1.75	
1938	1-23	2.06	1-23	1.13	1-23	1.47	1-23	2.16	1-23	2.62	1-23	2.96	1-23	2.96	1-23	2.96	
1939	7-9	1.13	2-24	.29	2-24	.44	2-24	.65	2-24	.75	2-24	.85	2-24	.85	2-17	1.38	
1940	6-28	2.13	6-28	.63	6-28	.70	11-23	1.09	11-23	1.78	11-22	2.86	11-22	4.35	11-22	6.03	
1941 b	6-7	2.21	6-7	.39	6-7	.99	6-6	1.73	6-6	1.80	6-6	1.84	6-6	1.84	6-6	2.86	

Notes: Quality of records: good. c - Peak rate equalled on 11-15-37. b - Record discontinued June 30, 1942.

Notes: Quality of records: good. c - Peak rate equalled on 11-15-37. b - Record discontinued June 30, 1942.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																VEGA, TEXAS Watershed W-1															
YEAR	MAXIMUM DISCHARGE				MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																										
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days																		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.																	
1938	5-30	0.82	10-9	0.38	10-9	0.56	10-9	0.75	10-9	1.11	10-9	1.17	10-8	1.21	10-8	1.35															
1939	4-5	1.98	6-23	.18	6-23	.35	6-23	.39	6-23	.39	6-23	.39	6-23	.39	6-21	.70															
1940	5-27	.01		T		T		T		T		T		T		T															
1941	5-20	.22	5-30	.05	5-30	.10	5-30	.25	5-30	.26	5-30	.26	5-29	.28	5-28	.28															
1942		T		T		T		T		T		T		T		T															
1943	7-8	1.07	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01															

Notes: Station not in operation Jan. through March 1938. T - trace. Quality of records - good

Notes: Station not in operation Jan. through March 1938. T - trace. Quality of records - good

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										VEGA, TEXAS Watershed M-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	5-30	1.46	10-9	0.69	10-9	0.87	10-9	1.07	10-9	1.38	10-9	1.41	10-9	1.41	10-9	1.64			
1939	7-26	.66	6-21	.43	6-21	.56	6-21	1.01	6-21	1.02	6-21	1.02	6-21	1.02	6-21	1.48			
1940	5-27	.15	5-27	.08	5-27	.15	5-27	.18	5-27	.18	5-27	.18	5-27	.18	5-27	.18			
1941	8-23	.29	5-30	.18	5-30	.28	5-30	.56	5-30	.58	5-30	.58	5-28	.61	5-28	.61			
1942	4-19	.07	4-10	.01	4-10	.01	4-10	.01	4-10	.01	4-10	.01	4-10	.01	4-10	.01			
1943	5-26	.12	T	T	T	T	T	T	T	T	T	T	T	T	T	T			

Notes: T - trace. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

RICEEL (WACO), TEXAS

Watershed A

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days							
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1939	6-19	.35	6-19	.28	6-19	.32	6-19	.32	6-19	.32	6-19	.32	6-19	.32	6-19	.32				
1940	11-22	.56	11-22	.83	11-22	1.14	11-22	1.62	11-22	2.16	11-22	3.78	11-22	4.26	11-22	4.26				
1941	5-4	1.63	5-4	1.49	5-4	2.12	5-4	2.22	5-4	2.27	5-4	2.36	5-4	2.45	5-4	2.45				
1942	9-8	.83	9-8	1.00	9-8	1.83	9-7	2.73	9-7	3.07	9-7	4.06	9-7	5.07	9-7	5.07				
1943 b	6-5	.83	6-5	.52	5-30	.53	5-30	.69	5-30	.70	5-30	.70	5-30	.70	5-30	1.36				

Notes: a - quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIBSEL (WACO), TEXAS										Watershed C												
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																												
	1 hour		Rate	2 hours		6 hours		12 hours		1 day		2 days		8 days																		
	Date	Vol.		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.																	
1939 a	6-19	.15	.18	6-19	.25	.34	6-19	.35	.35	6-19	.35	.36	6-19	.36	.36	6-19	.36	.36	6-19	.36	.36	6-19	.36	.36	6-19	.36	.36	6-19	.36	.36	6-19	.36
1940	11-22	.73		11-22	1.11		11-22	1.47		11-22	1.94		11-22	2.49		11-22	3.78		11-22	4.22												
1941	6-10	.74		6-10	1.06		6-10	1.45		6-10	1.71		6-10	1.73		6-10	1.75		6-10	1.89												
1942	9-8	.63		9-8	.96		9-7	1.75		9-7	3.06		9-7	3.19		9-7	4.78		9-6	5.31												
1943 p	6-5	.30	.37	6-5	.44	.58	6-5	.68	.68	6-5	.69	.69	6-5	.69	.69	6-5	.69	.69	6-5	.69	.69	6-5	.69	.69	6-5	.69	.69	6-5	.69	.69	6-5	.69
1949	6-15	.14		6-15	.22		6-15	.29		6-15	.33		6-15	.35		6-15	.48		6-15	.48												
1950	2-12	.59		2-12	.95		2-12	1.24		2-12	1.26		2-12	1.27		2-12	1.28		2-9	1.34												
1951	9-13	.16		9-13	.24		9-13	.32		9-13	.33		9-13	.33		9-13	.33		9-13	.33												
1952	5-23	.29	.36	5-23	.41	.70	12-30	.83	.83	12-30	.97	.97	12-30	.98	.98	12-24	.99	.99	12-24	.99	.99	12-24	.99	.99	12-24	.99	.99	12-24	.99	.99	12-24	.99
1953	3-12	.39		5-12	.68		5-12	1.08		5-12	1.15		5-12	1.18		5-12	1.26		5-12	1.26												
1954	5-11	.59	.75	5-11	.80	.96	5-11	1.03	1.03	5-11	1.07	1.07	5-10	1.36	1.36	5-10	1.38	1.38	5-10	1.38	1.38	5-10	1.38	1.38	5-10	1.38	1.38	5-10	1.38	1.38	5-10	1.38
1955	3-21	.17		3-21	.25		4-9	.35		4-9	.37		4-9	.64		4-9	.70		4-9	.70												
1956	5-1	.17		11-4	.29		11-4	.51		11-4	.60		11-4	.61		11-4	.61		11-4	.61												
Notes: Quality of records; good. a - Station C established 16, Dec., 1937. Record lost on 23, Jan., 1938 which gave peak on Station D. p - No record July 1943 to March 1949, maximums for the year 1943 occurred before July 1 and for 1949 after March 1.																																

Notes: Quality of records; good. a - Station C established 16, Dec., 1937. Record lost on 23, Jan., 1938 which gave peak on Station D. p - No record July 1943 to March 1949, maximums for the year 1943 occurred before July 1 and for 1949 after March 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIESEL (WACO), TEXAS Watershed D										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1938	4-15	.18	4-15	.18	4-15	.33	1-23	.62	1-23	.90	1-23	1.10	1-23	1.12	1-23	1.13				
1939	6-19	.08	6-19	.07	6-19	.12	6-19	.19	6-19	.21	6-19	.21	6-19	.22	5-17	.30				
1940	11-22	.71	11-22	.65	11-22	1.07	11-22	1.52	11-22	1.94	11-22	2.54	11-22	3.77	11-22	4.22				
1941	6-10	.75	6-10	.67	6-10	1.03	5-4	1.48	5-4	1.59	5-4	1.60	5-4	1.61	6-2	2.12				
1942	9-8	.46	9-8	.41	9-8	.79	9-8	1.49	9-7	2.41	9-7	3.18	9-7	4.42	9-7	4.46				
1943 p	6-5	.27	6-5	.24	6-5	.39	6-5	.55	5-30	.59	5-30	.60	5-30	.61	5-30	1.19				
1949	6-15	.21	6-15	.16	6-15	.26	6-15	.35	6-15	.36	6-15	.36	6-14	.47	6-11	.48				
1950	7-15	.54	7-15	.44	7-15	.66	2-12	.88	2-12	.91	2-12	.93	7-13	1.05	7-13	1.10				
1951	9-13	.51	9-13	.38	9-13	.54	9-13	.72	9-13	.74	9-13	.74	9-13	.74	9-13	.74				
1952	5-23	.42	5-23	.26	5-23	.43	12-30	.76	12-30	.91	12-30	1.03	12-30	1.05	12-30	1.05				
1953	5-12	.74	5-12	.63	5-12	1.08	5-12	1.73	5-12	1.86	5-12	1.91	5-12	2.02	5-12	3.11				
1954	5-11	.72	5-11	.68	5-11	1.20	5-11	1.49	5-11	1.51	5-11	1.52	5-10	1.98	5-10	1.99				
1955	3-21	.15	3-21	.12	3-21	.20	3-21	.33	3-21	.40	4-9	.57	4-9	.60	4-9	.60				
1956	11-4	.12	11-4	.11	11-4	.18	11-4	.37	11-4	.46	11-4	.47	11-4	.47	11-4	.47				

Notes: Quality of records; good, except 1953-1954 fair.
1943 occurred before July 1 and for 1949 after Mar. 1.

p - No record July 1943 to Mar. 1949, maximums for the year

Notes: Quality of records: good, except 1953-1954 fair.
1943 occurred before July 1 and for 1949 after Mar. 1.

p - No record July 1943 to Mar. 1949, maximums for the year

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	1-23	.18	1-23	.17	1-23	.34	1-23	.93	1-23	1.45	1-23	1.75	1-23	1.79	1-23	1.79
1939	5-20	.02	5-20	.02	5-20	.04	5-20	.11	5-20	.15	5-20	.16	5-17	.18	5-16	.35
1940	11-22	.42	11-22	.40	11-22	.73	11-22	1.54	11-22	1.94	11-22	2.74	11-22	4.18	11-22	4.82
1941	6-10	.34	6-10	.32	6-10	.57	6-10	1.28	6-10	1.43	6-10	1.45	6-9	1.53	6-7	2.07
1942	9-8	.25	9-8	.24	9-8	.44	6-11	1.10	6-11	1.62	6-11	1.68	9-7	3.11	9-7	3.25
1943	6-5	.07	6-5	.07	6-5	.13	6-5	.33	6-5	.41	6-5	.42	6-5	.43	5-30	.80

Notes: Quality of records; fair. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS														RIESEL (WACO), TEXAS				Watershed J			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1938	1-23	.15	1-23	.15	1-23	.29	1-23	.74	1-23	1.14	1-23	1.41	1-23	1.45	1-21	1.47					
1939	5-20	.05	5-20	.04	5-20	.08	5-20	.19	5-20	.24	5-20	.25	1-20	.26	5-16	.50					
1940	11-22	.28	11-22	.27	11-22	.50	11-22	1.22	11-22	1.70	11-22	2.29	1-22	3.91	11-22	4.66					
1941	6-10	.23	6-11	.22	6-10	.42	6-10	1.03	1-13	1.36	1-13	1.50	1-13	1.52	6-7	1.94					
1942	9-8	.17	6-11	.17	6-11	.33	6-11	.84	6-11	1.31	9-8	1.98	9-7	2.50	6-8	2.94					
1943 b	6-5	.04	6-5	.04	6-5	.08	6-5	.22	6-5	.30	6-5	.31	6-5	.32	5-30	.58					

Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (WACO), TEXAS				Watershed W-1						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	2-16	0.60	2-16	0.36	1-23	1.15	1-23	1.67	1-23	1.91	1-23	1.93	1-20	2.00
1939	5-20	.38	5-20	.26	5-20	.33	5-20	.34	5-20	.34	5-20	.34	5-16	.70
1940	11-22	2.66	11-22	1.82	11-22	2.09	11-22	2.66	11-22	3.35	11-22	5.59	11-22	6.00
1941	6-10	3.40	6-10	1.81	6-10	1.97	6-10	2.02	6-10	2.03	6-10	2.04	6-6	2.40
1942	9-8	2.68	9-8	1.38	9-8	1.51	9-8	1.61	9-8	1.64	9-7	2.29	9-7	2.84
1943	6-5	1.08	6-5	.42	6-5	.46	6-5	.51	6-5	.52	6-5	.52	6-5	.53
1944	5-1	4.51	5-1	2.99	5-1	5.57	5-1	6.91	5-1	6.92	5-1	7.05	4-30	11.06
1945	3-3	1.80	3-3	.84	3-3	1.04	12-2	1.35	3-2	2.14	3-2	2.38	3-2	2.50
1946	5-12	2.15	5-12	1.55	5-12	1.98	5-12	2.79	5-12	2.89	5-12	2.93	5-12	3.80
1947	5-20	.44	3-18	.28	3-18	.50	3-18	.77	1-17	.91	1-16	1.13	1-16	1.47
1948	4-25	1.62	4-25	.68	4-25	.94	4-25	1.15	4-25	1.17	4-25	1.17	4-25	1.18
1949	7-4	1.38	7-4	.89	7-4	1.02	7-4	1.06	7-4	1.07	7-4	1.07	7-4	1.07
1950	2-12	1.88	2-12	.77	2-12	.91	2-12	1.04	2-12	1.09	2-12	1.09	2-9	1.13
1951	6-16	.13	6-16	.08	6-16	.13	6-16	.18	6-16	.19	6-16	.19	6-11	.19
1952	5-23	.53	5-23	.38	5-23	.47	12-30	.65	12-30	.72	12-30	.78	12-30	.80
1953	5-12	1.19	5-12	.74	5-12	.74	5-12	1.18	5-12	1.21	5-12	1.24	5-11	2.46
1954	5-11	1.33	5-11	.94	5-11	1.13	5-11	1.19	5-11	1.19	5-11	1.19	5-10	1.31
1955	3-21	1.51	3-21	.95	3-21	1.03	3-21	1.14	3-20	1.16	3-20	1.17	3-20	1.17
1956	11-4	.25	11-4	.14	11-4	.21	11-4	.35	11-4	.36	11-4	.38	11-4	.38

Notes: Quality of records; excellent

Notes: Quality of records; excellent

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RILSEL (WACO), TEXAS				Watershed W-2								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	2-16	0.23	2-16	0.10	2-26	0.17	1-23	0.40	1-23	0.65	1-23	0.75	1-23	0.80	1-20	0.88
1939	5-20	.24	5-20	.17	5-20	.23	5-20	.26	5-20	.26	5-20	.27	5-19	.27	5-17	.48
1940	11-22	2.55	11-22	1.69	11-22	1.93	11-22	2.16	11-22	2.37	11-22	2.95	11-22	5.18	11-22	5.66
1941	6-10	3.72	6-10	1.91	6-10	2.09	6-10	2.17	6-10	2.18	6-10	2.19	6-9	2.23	6-6	2.58
1942	9-8	2.04	9-8	1.11	12-26	1.42	12-26	1.76	12-26	1.80	12-26	1.83	9-7	1.99	6-10	2.63
1943	6-5	.50	6-5	.28	6-5	.34	6-5	.37	6-5	.40	6-5	.40	6-5	.41	5-30	.60
1944	5-1	4.83	5-1	2.86	5-1	5.40	5-1	6.91	5-1	6.97	5-1	7.12	4-30	9.26	4-29	10.96
1945	3-3	1.85	3-3	.80	3-3	.94	12-2	1.41	12-1	1.97	12-1	2.24	12-1	2.25	12-1	2.38
1946	5-12	2.10	5-12	1.49	5-12	1.89	5-12	2.70	5-12	2.93	5-12	2.98	5-12	3.01	5-10	3.79
1947	5-20	.42	3-18	.30	3-18	.53	3-18	.98	1-17	1.01	1-16	1.28	1-16	1.44	1-16	1.78
1948	4-25	1.03	4-25	.69	4-25	1.01	4-25	1.29	4-25	1.32	4-25	1.33	4-25	1.34	4-25	1.36
1949	7-4	1.22	7-4	.59	7-4	.64	7-4	.67	7-4	.68	7-4	.68	7-4	.69	7-4	.70
1950	2-12	1.60	2-12	.86	2-12	1.01	2-12	1.13	2-12	1.15	2-12	1.17	2-11	1.19	2-9	1.27
1951	6-16	.08	6-16	.04	6-16	.06	6-16	.08	6-16	.09	6-16	.09	6-16	.09	6-16	.09
1952	5-23	.48	5-23	.31	12-30	.43	12-30	.64	12-30	.71	12-30	.75	12-30	.76	12-30	.76
1953	5-12	.73	5-12	.49	5-12	.66	5-12	1.00	5-12	1.03	5-12	1.06	5-11	1.12	5-11	2.13
1954	5-11	1.13	5-11	.84	5-11	.98	5-11	1.04	5-11	1.05	5-11	1.05	5-10	1.10	5-10	1.12
1955	3-21	.98	3-21	.71	3-21	.80	3-21	.85	3-21	.86	3-21	.87	3-21	.87	3-21	.87
1956	11-4	.16	11-4	.09	11-4	.13	11-4	.18	11-4	.18	11-4	.19	11-4	.19	11-4	.19

Notes: Quality of records; excellent

Notes: Quality of records; excellent

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (WACO), TEXAS Watershed W-6												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	5-20	.28	5-20	.21	5-20	.23	5-20	.24	5-20	.24	5-20	.24	5-18	.25	5-17	.38
1940	11-22	2.51	11-22	1.63	11-22	1.80	11-22	2.08	11-22	2.25	11-22	2.88	11-22	5.09	11-22	5.52
1941	6-10	3.99	6-10	1.82	6-10	1.95	6-10	1.98	6-10	2.00	6-10	2.00	6-9	2.03	6-2	2.42
1942	9-8	2.25	9-8	1.18	12-26	1.32	12-26	1.62	12-26	1.62	12-26	1.63	9-8	1.98	6-7	2.39
1943 p	6-5	1.00	6-5	.32	6-5	.35	6-5	.36	6-5	.36	6-5	.36	6-5	.36	5-30	.48
1946	5-12	1.96	5-12	1.32	5-12	1.80	5-12	2.56	5-12	2.68	5-12	2.70	5-12	2.72	5-10	3.39
1947	5-20	.46	3-18	.27	3-18	.46	3-18	.73	1-17	.78	1-17	.86	1-17	.92	1-16	1.10
1948	4-25	1.53	4-25	.65	4-25	.93	4-25	1.09	4-25	1.10	4-25	1.10	4-25	1.10	4-25	1.10
1949	7-4	1.55	7-4	.76	7-4	.83	7-4	.84	7-4	.84	7-4	.84	7-4	.84	7-4	.84
1950	2-12	1.87	2-12	.76	2-12	.87	2-12	.95	2-12	.95	2-12	.95	2-12	.95	2-12	.95
1951	6-13	.14	6-16	.05	6-16	.07	6-16	.09	6-16	.09	6-16	.09	6-16	.09	6-16	.09
1952	5-23	.89	5-23	.51	5-23	.57	12-30	.81	12-30	.86	12-30	.88	12-30	.89	12-30	.89
1953	3-12	1.45	5-12	.59	5-12	.78	5-12	1.21	5-12	1.23	5-12	1.23	5-12	1.29	5-11	2.19
1954	5-11	1.09	5-11	.84	5-11	.95	5-11	.97	5-11	.97	5-11	.97	5-10	1.00	5-10	1.00
1955	3-21	1.64	3-21	.91	3-21	.98	3-21	.98	3-21	1.09	3-20	1.10	3-20	1.10	3-20	1.10
1956		0		0		0		0		0		0		0		0

Notes: Quality of records; good except 1946, 1947, and 1948 poor. p-No record July 1943 to Jan. 1946, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records: good except 1946, 1947, and 1948 poor. p-No record July 1943 to Jan. 1946, maximums for all stations in 1943 occurred before July 1.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-20	.33	5-20	.22	5-20	.26	5-20	.27	5-20	.28	5-20	.28	5-20	.28	5-17	.46
1940	11-22	3.16	11-22	1.88	11-22	2.00	11-22	2.35	11-22	2.46	11-22	3.12	11-22	5.10	11-22	5.70
1941	6-10	3.99	6-10	1.49	6-10	1.54	1-13	1.91	1-13	2.20	1-13	2.24	1-13	2.24	1-13	2.24
1942	9-8	2.39	9-8	1.17	12-26	1.30	12-26	1.47	12-26	1.50	9-7	1.68	9-7	1.97	9-7	1.97
1943 b	6-5	1.14	6-5	.34	6-5	.36	6-5	.40	6-5	.41	6-5	.41	6-5	.41	5-30	.58

Notes: Quality of records; fair. b-Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIESEL (WACO), TEXAS										WATERSHED W-10															
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																															
	1 hour			2 hours		6 hours		12 hours		1 day		2 days		8 days																					
	Date	Rate	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	5-20	.29	.21	5-20	.22	5-20	.23	5-20	.23	5-20	.23	5-20	.23	5-20	.23	5-20	.23	5-17	.37																
1940	11-22	3.16	1.80	11-22	1.83	11-22	2.15e	11-22	3.33e	11-22	3.53	11-22	3.53	11-22	4.94	11-22	4.94	11-22	5.91																
1941	6-10	5.01	1.98	6-10	2.07	6-10	2.09	6-10	2.09	6-10	2.09	6-10	2.09	6-10	2.12	6-10	2.12	6-2	2.73																
1942	9-8	2.90	1.28	9-8	1.37	12-26	1.58	12-26	1.60	9-8	2.01	9-8	2.01	9-7	2.57	9-7	2.57	9-7	2.58																
1943 p	6-5	1.42	.35	6-5	.38	6-5	.49	6-5	.53	6-5	.53	6-5	.53	6-5	.54	6-5	.54	5-30	.82																
1946	5-12	3.18	1.57	5-12	1.94	5-12	2.66	5-12	2.71	5-12	2.77	5-12	2.77	5-12	2.78	5-12	2.78	5-10	3.37																
1947	5-20	1.76	.55	5-18	.60	5-18	.99	1-17	1.66	1-17	1.66	1-17	2.00	1-16	2.30	1-13	2.30	1-13	2.67																
1948	4-25	2.61	.95	4-25	1.40	4-25	1.49	4-25	1.49	4-25	1.49	4-25	1.49	4-25	1.49	4-25	1.49	4-25	1.49																
1949	7-4	2.53	.97	7-4	1.00	7-4	1.00	7-4	1.00	7-4	1.00	7-4	1.00	7-4	1.00	7-4	1.00	7-4	1.00																
1950	2-12	2.19	.62	2-12	.78	2-12	.90	2-12	.91	2-12	.91	2-12	.91	2-12	.91	2-12	.91	2-9	.92																
1951	6-16	.50	.17	6-16	.26	6-16	.28	6-16	.28	6-16	.28	6-16	.28	6-16	.28	6-16	.28	6-12	.29																
1952	5-23	1.35	.50	12-30	.59	12-30	.94	12-30	1.06	12-30	1.11	12-30	1.11	12-30	1.12	12-30	1.12	12-30	1.12																
1953	5-12	1.69	.66	5-12	.86	5-12	1.44	5-12	1.46	5-12	1.46	5-12	1.58	5-12	1.80	5-11	1.80	5-11	3.09																
1954	5-11	2.13	1.07	5-11	1.19	5-11	1.20	5-11	1.20	5-11	1.20	5-11	1.20	5-10	1.26	5-10	1.26	5-10	1.26																
1955	3-21	1.63	.63	3-21	.67	3-21	.69	3-21	.70	3-21	.70	3-21	.77	3-20	.77	3-20	.77	3-20	.77																
1956	11-4	.82	.45	11-4	.65	11-4	.84	11-4	.85	11-4	.87	11-4	.87	11-4	.87	11-4	.87	11-4	.87																

Notes: Quality of records; good except 1940, 1947, and 1948 fair. e - Includes some tabulated estimated values.
p - No record July 1943 to May 1946, maximums for the year 1943 occurred before July 1 and for 1946 after May 1.

Notes: Quality of records; good except 1940, 1947, and 1948 fair. e - Includes some tabulated estimated values.
 p - No record July 1943 to May 1946, maximums for the year 1945 occurred before July 1 and for 1946 after May 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (WACO), TEXAS				Watershed Y						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	2-16	.74	2-16	.41	2-16	.53	1-23	1.11	1-23	1.65	1-23	1.94	1-23	1.96
1939	5-20	.39	5-20	.22	5-20	.28	5-20	.29	5-20	.29	5-19	.29	5-17	.34
1940	11-22	2.27	11-22	1.52	11-22	1.73	11-22	1.97	11-22	2.18	11-22	2.69	11-22	4.77
1941	6-10	2.44	6-10	1.38	6-10	1.57	6-10	1.63	6-10	1.64	6-9	1.68	1-13	1.74
1942	9-8	1.83	9-8	1.05	9-8	1.15	6-11	1.48	6-11	1.57	9-8	1.67	9-7	2.38
1943 p	6-5	.25	6-5	.20	6-5	.25	6-5	.30	6-5	.31	6-5	.32	6-5	.32
1946	5-12	1.77	5-12	1.33	5-12	1.76	5-12	2.65	5-12	2.94	5-12	2.98	5-12	3.44
1947	3-18	.32	3-18	.31	3-18	.54	3-18	.87	1-17	1.00	1-16	1.27	1-17	1.39
1948	4-25	.68	4-25	.50	4-25	.77	4-25	.97	4-25	1.01	4-25	1.01	4-25	1.01
1949	7-4	1.00	7-4	.65	7-4	.80	7-4	.88	7-4	.90	7-4	.91	7-4	.91
1950	2-12	1.29	2-12	.79	2-12	.98	2-12	1.26	2-12	1.40	2-12	1.45	2-12	1.45
1951	6-16	.02	6-16	.01	6-16	.01	6-16	.02	6-16	.02	6-16	.02	6-16	.02
1952	5-23	.39	5-23	.27	5-23	.36	12-30	.50	12-30	.56	12-30	.59	12-30	.60
1953	3-12	.46	5-12	.33	5-12	.50	5-12	.77	5-12	.80	5-12	.81	5-12	.84
1954	5-11	.44	5-11	.38	5-11	.50	5-11	.56	5-11	.58	5-11	.58	5-10	.59
1955	3-21	.93	3-21	.74	3-21	.88	3-21	.97	3-21	1.01	3-20	1.02	3-20	1.02
1956	11-4	.03	11-4	.03	11-4	.04	11-4	.06	11-4	.07	11-4	.07	11-4	.07

Notes: Quality of records; good except 1947 - 1948 fair. p - No record July 1943 to May 1946, maximums for the year 1943 occurred before July 1 and for 1946 after May 1.

Notes: Quality of records; Good except 1947 - 1948 fair. p - No record July 1943 to May 1946, maximums for the year 1943 occurred before July 1 and for 1946 after May 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIESEL (WACO), TEXAS				Watershed Y-2			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939	5-20	0.53	5-20	0.28	5-20	0.29	5-20	0.30	5-20	0.30	5-17	0.32	5-17	0.49	5-16	0.80	
1940	11-22	2.19	11-22	1.57	11-22	1.77	11-22	1.98	11-22	2.19	11-22	2.85	11-22	5.11	5-22	5.52	
1941	6-10	3.05	6-10	1.63	6-10	1.78	6-10	1.82	6-10	1.82	6-9	1.91	6-9	1.93	6-9	2.33	
1942	9-8	2.46	9-8	1.28	9-8	1.39	9-8	1.43	9-8	1.45	9-7	1.84	9-7	2.34	6-8	3.02	
1943	6-5	.26	6-5	.18	6-5	.24	6-5	.29	6-5	.30	6-5	.31	6-5	.31	6-5	.31	
1944	5-1	4.07	5-1	3.11	5-1	5.47	5-1	7.08	5-1	7.28	5-1	7.46	4-30	9.64	4-29	10.60	
1945	3-3	1.27	3-3	.71	3-3	.94	3-3	1.23	3-3	2.25	3-2	2.59	3-2	2.75	2-27	2.90	
1946	5-12	1.56	5-12	1.20	5-12	1.64	5-12	2.55	5-12	2.72	5-12	2.77	5-12	2.80	5-10	3.75	
1947	3-18	.36	3-18	.32	3-18	.57	3-18	.91	3-18	1.00	1-16	1.32	1-16	1.48	1-16	1.79	
1948	4-25	.82	4-25	.53	4-25	.84	4-25	1.05	4-25	1.08	4-25	1.08	4-25	1.08	4-25	1.08	
1949	7-4	.89	7-4	.56	7-4	.70	7-4	.77	7-4	.78	7-4	.78	7-4	.78	7-4	.78	
1950	2-12	.95	2-12	.68	2-12	.69	2-12	.82	2-12	.86	2-12	.86	2-12	.86	2-12	.86	
1951	6-16	T	6-16	T	6-16	T	6-16	T	6-16	T	9-13	T	9-13	T	9-13	T	
1952	5-23	.42	5-23	.24	5-23	.30	12-30	.50	12-30	.56	12-30	.57	12-30	.59	12-30	.59	
1953	3-12	.55	3-12	.38	3-12	.49	5-12	.74	5-12	.76	5-12	.77	5-12	.81	5-12	1.55	
1954	5-11	.48	5-11	.35	5-11	.46	5-11	.61	5-11	.51	5-11	.52	5-10	.52	5-10	.52	
1955	3-21	1.04	3-21	.69	3-21	.80	3-21	.84	3-21	.86	3-21	.87	3-21	.87	3-21	.87	
1956	11-4	.10	11-4	.06	11-4	.07	11-4	.10	11-4	.11	11-4	.11	11-4	.11	11-4	.11	

Notes: Quality of records; excellent except for 1944.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIESEL (WACO), TEXAS				Watershed Y-4			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	5-20	.57	5-20	.34	5-20	.35	5-20	.36	5-20	.36	5-20	.36	5-17	.37	5-17	.73	
1940	11-22	2.32	11-22	1.53	11-22	1.69	11-22	1.89	11-22	2.06	11-22	2.69	11-22	4.89	11-22	5.22	
1941	6-10	3.12	6-10	1.82	6-10	1.74	6-10	1.77	6-10	1.78	6-9	1.96	6-9	1.96	6-9	2.17	
1942	9-8	2.45	9-8	1.24	9-8	1.31	6-11	1.67	6-11	1.72	9-8	2.16	9-8	2.16	6-8	2.97	
1943 p	6-5	.30	6-5	.21	6-5	.24	6-5	.29	6-5	.30	6-5	.31	6-5	.31	5-30	.51	
1946	5-12	1.38	5-12	1.03	5-12	1.40	5-12	2.09	5-12	2.26	5-12	2.30	5-12	2.32	5-10	3.17	
1947	3-18	.28	3-18	.26	3-18	.47	3-18	.75	1-17	.87	1-16	1.11	1-16	1.24	1-13	1.48	
1948	4-25	.59	4-25	.37	4-25	.63	4-25	.80	4-25	.81	4-25	.81	4-25	.81	4-25	.81	
1949	7-4	.89	7-4	.62	7-4	.77	7-4	.87	7-4	.88	7-4	.88	7-4	.88	7-4	.88	
1950	2-12	.94	2-12	.60	2-12	.75	2-12	.88	2-12	.91	2-12	.92	2-12	.93	2-9	.93	
1951	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T	
1952	5-23	.39	5-23	.28	5-23	.33	12-30	.46	12-30	.54	12-30	.55	12-30	.57	12-30	.57	
1953	5-12	.57	3-12	.37	5-12	.53	5-12	.79	5-12	.82	5-12	.83	5-12	.92	5-12	1.78	
1954	5-11	.62	5-11	.46	5-11	.60	5-11	.68	5-11	.69	5-11	.69	5-10	.71	5-10	.71	
1955	3-21	1.03	3-12	.65	3-12	.77	3-12	.82	3-12	.85	3-12	.85	3-12	.85	3-12	.85	
1956	11-4	.12	11-4	.07	11-4	.09	11-4	.15	11-4	.16	11-4	.16	11-4	.16	11-4	.16	

Notes: Quality of record; excellent. p - No record July 1943 to Jan. 1946, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of record; excellent. p - No record July 1943 to Jan. 1946, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (WACO), TEXAS				Watershed Y-6						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-17	.74	5-17	.24	5-17	.27	5-17	.28	5-17	.57	5-17	.62	5-16	.85
1940	11-22	2.62	11-22	1.48	11-22	1.77	11-22	2.09	11-22	2.80	11-22	4.87	11-22	5.28
1941	6-10	3.79	6-10	1.51	6-10	1.60	6-10	1.60	6-9	1.67	6-9	1.67	6-9	1.97
1942	9-8	3.19	9-8	1.24	6-11	1.52	6-11	1.52	9-7	1.82	9-7	2.20	6-10	2.54
1943 p	6-5	.37	6-5	.21	6-5	.30	6-5	.31	6-5	.31	6-5	.31	5-30	.47
1948	4-25	.55	4-25	.48	4-25	.83	4-25	.85	4-25	.85	4-25	.85	4-25	.85
1949	7-4	.96	7-4	.63	7-4	.89	7-4	.89	7-4	.89	7-4	.89	7-4	.89
1950	2-12	.97	2-12	.57	2-12	.76	2-12	.77	2-12	.77	2-12	.78	2-12	.78
1951	9-13	.11	9-13	.07	9-13	.09	9-13	.09	9-13	.09	9-13	.09	9-13	.09
1952	5-23	.52	5-23	.35	5-23	.42	5-23	.46	5-23	.46	12-30	.47	5-23	.48
1953	5-12	.51	3-12	.32	5-12	.66	5-12	.67	5-12	.68	5-12	.74	5-12	1.35
1954	5-11	.52	5-11	.39	5-11	.50	5-11	.50	5-11	.50	5-11	.50	5-10	.50
1955	3-21	.90	3-21	.52	3-21	.68	3-21	.71	3-21	.71	3-21	.71	3-21	.71
1956	11-4	.17	11-4	.12	11-4	.30	11-4	.31	11-4	.31	11-4	.31	11-4	.31

Notes: Quality of records; good 1939 - 1943, excellent 1948 - 1956. p - No record July 1943 to May 1947, maximums for the year 1943 occurred before July 1 and period of peak runoff for 1947 at nearby stations occurred prior to April 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL, (WACO), TEXAS				Watershed Y-7								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-18	.59	5-20	.29	5-20	.32	5-20	.33	5-20	.33	5-20	.33	5-20	.33	5-16	.66
1940	11-22	2.97	11-22	1.89	11-22	2.08	11-22	2.37	11-22	2.58	11-22	2.84	11-22	3.07	11-22	3.79
1941	6-10	3.59	6-10	1.47	6-10	1.51	6-10	1.52	6-10	1.52	6-10	1.52	6-9	1.54	6-6	1.73
1942	9-8	2.27	12-26	1.16	12-26	1.34	12-26	1.62	12-26	1.65	12-26	1.65	9-7	2.48	6-7	2.65
1943	6-5	.53	6-5	.31	6-5	.34	6-5	.38	6-5	.38	6-5	.39	6-5	.39	5-30	.59
1948	4-25	1.42	4-25	.64	4-25	.89	4-25	1.15	4-25	1.17	4-25	1.18	4-25	1.18	4-25	1.18
1949	7-4	1.37	7-4	.77	7-4	.86	7-4	.89	7-4	.90	7-4	.90	7-4	.90	7-4	.90
1950	2-12	1.98	2-12	.96	2-12	1.14	2-12	1.27	2-12	1.31	2-12	1.32	2-12	1.33	2-12	1.33
1951	6-16	.13	6-16	.08	6-16	.12	6-16	.15	6-16	.16	6-16	.16	6-16	.16	6-16	.16
1952	5-23	.60	5-23	.37	5-23	.44	12-30	.63	12-30	.67	12-30	.68	12-30	.68	12-30	.68
1953	5-12	1.62	5-12	.76	5-12	.97	5-12	1.47	5-12	1.49	5-12	1.55	5-12	1.72	5-12	2.94
1954	5-11	1.44	5-11	1.15	5-11	1.35	5-11	1.40	5-11	1.40	5-11	1.41	5-11	1.41	5-10	1.47
1955	3-21	1.80	3-21	1.15	3-21	1.25	3-21	1.38	3-21	1.40	3-21	1.40	3-21	1.40	3-21	1.40
1956	11-4	.09	11-4	.07	11-4	.10	11-4	.22	11-4	.24	11-4	.24	11-4	.24	11-4	.24

Notes: Quality of records; good 1939 - 1943 and 1948 - 1953, excellent 1954-1956. p - No record July 1943 to May 1947, maximums for the year 1943 occurred before July 1 and period of peak runoff for 1947 at nearby stations occurred prior to July 1, 1947.

Notes: Quality of records; good 1939 - 1943 and 1948 - 1953, excellent 1954-1956. p - No record July 1943 to May 1947, maximums for the year 1943 occurred before July 1 and period of peak runoff for 1947 at nearby stations occurred prior to April 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL ("MACO"), TEXAS				Watershed Y-8								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-18	.64	5-20	.29	5-20	.30	5-20	.31	5-20	.31	5-20	.31	5-20	.31	5-16	.53
1940	11-22	2.50	11-22	1.65	11-22	1.81	11-22	2.10	11-22	2.37	11-22	3.25	11-22	5.64	11-22	6.07
1941	6-10	3.29	6-10	1.53	6-10	1.85	6-10	1.70	6-10	1.70	6-10	1.70	6-9	1.76	6-9	2.07
1942	9-8	2.86	9-8	1.40	9-8	1.45	6-11	1.53	6-11	1.55	9-8	2.03	9-8	2.51	6-9	2.71
1943 p	6-5	.73	6-5	.32	6-5	.36	6-5	.42	6-5	.43	6-5	.43	6-5	.43	5-30	.74
1949	7-4	.83	7-4	.43	7-5	.52	7-4	.55	7-4	.55	7-4	.55	7-4	.55	7-4	.55
1950	2-12	.68	2-12	.38	2-12	.51	2-12	.65	2-12	.68	2-12	.68	2-12	.68	2-12	.68
1951	6-16	.02	6-16	.01	6-16	.01	6-16	.02	6-16	.02	6-16	.02	6-16	.02	6-16	.02
1952	5-23	.71	5-23	.40	5-23	.45	5-23	.47	12-30	.54	12-30	.55	12-30	.56	12-24	.63
1953	5-12	.93	5-12	.44	5-12	.59	5-12	.85	5-12	.87	5-12	.89	5-12	.94	5-12	1.76
1954	5-11	.74	5-11	.59	5-11	.75	5-11	.82	5-11	.82	5-11	.82	5-11	.86	5-11	.86
1955	3-21	1.34	3-21	.83	3-21	.94	3-21	1.03	3-21	1.04	3-21	1.05	3-21	1.05	3-21	1.05
1956	5-1	.04	5-1	.03	5-1	.04	5-1	.04	5-1	.05	5-1	.05	5-1	.05	5-1	.05

Notes: Quality of records; good 1939 - 1943, excellent 1949 - 1956. p - No record July 1943 to Jan. 1949, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records: good 1939 - 1942, excellent 1949 - 1953. p - No record July 1943 to Jan. 1949, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (WACO), TEXAS Watershed Y-10										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-20	.56	5-20	.31	5-20	.35	5-20	.35	5-20	.35	5-20	.35	5-16	.54
1940	11-22	2.45	11-22	1.53	11-22	1.67	11-22	1.88	11-22	2.10	11-22	2.73	11-22	5.05
1941	6-10	3.47	6-10	1.54	6-10	1.58	6-10	1.60	6-10	1.60	6-9	1.60	6-2	2.00
1942	6-11	2.77	9-8	1.15	9-8	1.23	6-11	1.49	6-11	1.51	9-7	2.04	9-7	2.63
1943 p	6-5	1.00	6-5	.32	6-5	.35	6-5	.39	6-5	.40	6-5	.40	5-30	.70
1946	5-12	1.32	5-12	1.10	5-12	1.43	5-12	2.11	5-12	2.22	5-12	2.26	5-12	3.18
1947	3-13	.32	3-18	.25	3-18	.44	3-13	.72	1-17	1.11	1-17	1.40	1-13	1.82
1948	4-25	.88	4-25	.46	4-25	.64	4-25	.83	4-25	.82	4-25	.83	4-25	.83
1949	7-4	.94	7-4	.61	7-4	.77	7-4	.96	7-4	.96	7-4	.96	7-4	.96
1950	2-12	.88	2-12	.51	2-12	.68	2-12	.81	2-12	.85	2-12	.89	2-12	.89
1951	6-16	.12	6-16	.08	6-16	.11	6-16	.14	6-16	.14	6-16	.14	6-16	.14
1952	5-23	1.12	5-23	.57	5-23	.62	5-23	.65	12-30	.68	12-30	.73	12-30	.75
1953	5-12	.88	5-12	.49	5-12	.71	5-12	1.10	5-12	1.13	5-12	1.16	5-12	2.37
1954	5-11	.95	5-11	.72	5-11	.84	5-11	.89	5-11	.90	5-11	.91	5-10	.96
1955	3-21	1.65	3-21	.87	3-21	.97	3-21	1.07	3-21	1.08	3-20	1.10	3-20	1.10
1956	11-4	.13	11-4	.07	11-4	.07	11-4	.16	11-4	.16	11-4	.16	11-4	.16

Notes: Quality of records: good 1938 - 1943, excellent 1946 - 1956. p - No records August 1943 to May 1946, maximums for the year 1943 occurred before August 1 and for 1946 after May 1.

Notes: Quality of records; good 1938 - 1943, excellent 1946 - 1956. p - No records August 1943 to May 1946, maximums for the year 1943 occurred before August 1 and for 1946 after May 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RIESEL (VIACO), TEXAS Watershed SW-2											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	5-20	.49	5-20	.28	5-20	.31	5-20	.31	5-20	.31	5-20	.31	5-17	.57	
1940	10-31	2.95	11-22	1.75	11-22	1.86	11-22	2.13	11-22	2.29	11-22	3.00	11-22	5.61	
1941	6-10	5.36	6-10	1.96	6-10	2.03	6-10	2.03	6-10	2.04	6-9	2.05	6-2	2.75	
1942	9-8	4.44	9-8	1.45	9-8	1.48	9-8	1.62	9-8	1.63	9-7	2.44	9-7	3.03	
1943 b	6-5	4.37	6-5	.64	6-5	.65	6-5	.73	6-5	.75	6-5	.75	5-30	1.24	
Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.															

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-20	.45	5-20	.28	5-20	.33	5-20	.34	5-20	.34	5-20	.34	5-20	.34	5-17	.69
1940	11-22	3.34	11-22	1.76	11-22	2.02	11-22	2.31	11-22	2.47	11-22	3.14	11-22	5.49	11-22	5.89
1941	6-10	4.70	6-10	1.78	6-10	1.84	6-10	1.85	6-10	1.85	6-9	1.86	6-9	1.86	6-2	2.51
1942	9-8	2.94	9-8	1.19	9-8	1.37	9-8	1.54	9-8	1.59	9-8	2.00	9-7	2.04	6-10	2.33
1943 b	6-5	2.86	6-5	.61	6-5	.62	6-5	.65	6-5	.65	6-5	.65	6-5	.65	5-30	.96

Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	RIESEL (WACO), TEXAS				Watershed SW-5			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																					
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days									
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.								
1939	5-17	.73	5-20	.41	5-20	.52	5-20	.55	5-20	.55	5-20	.55	5-17	.67	5-17	1.22								
1940	10-31	6.57	11-22	2.32	11-22	2.57	11-22	3.05	11-24	3.31	11-22	4.14	11-22	6.70	11-22	7.14								
1941	6-10	6.00	6-10	1.98	6-10	2.06	6-10	2.06	6-10	2.06	6-10	2.06	6-9	2.07	6-2	2.90								
1942	12-26	4.46	9-8	1.56	1-59	1.59	12-30	1.76	12-30	1.76	9-7	2.73	9-7	3.48	9-7	3.48								
1943 b	6-5	3.07	6-5	.55	6-5	.55	6-5	.56	6-5	.56	6-5	.56	6-5	.56	5-30	.71								
Notes: Quality of records; good for maximum rate, fair for maximum volumes. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.																								

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RICELO (WACO), TEXAS		Watershed SW-6		
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-18	2.25	5-20	.62	5-20	.67	5-20	.69	5-20	.69	5-17	.83	5-17	1.52
1940	10-31	5.35	11-22	2.54	11-22	2.82	11-22	3.23	11-22	3.52	11-22	4.40	11-22	7.45
1941	6-10	6.00	6-10	2.18	6-10	2.23	6-10	2.23	6-10	2.24	6-9	2.24	6-2	3.00
1942	12-26	4.66	9-8	1.54	12-26	1.71	12-26	1.94	12-26	1.96	9-7	2.70	9-7	3.08
1943 b	6-5	1.29	6-5	.28	6-5	.28	6-5	.29	6-5	.29	6-5	.29	5-29	.38

Notes: Quality of records; good for maximum rate, fair for maximum volumes. b.- Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records; good for maximum rate, fair for maximum volumes. b.- Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Watershed SW-7									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1939	5-20	1.04	5-20	.47	5-20	.50	5-20	.50	5-20	.50	5-17	.69	5-17	1.19					
1940	10-30	3.75	11-22	1.89	11-22	2.15	11-22	2.68	11-22	3.10	11-22	6.41	11-22	6.74					
1941	6-10	4.95	6-10	1.83	6-10	1.86	6-10	1.87	6-10	1.87	6-9	1.90	6-2	2.85					
1942	9-8	5.55	9-8	1.78	9-8	1.88	9-8	2.05	9-8	2.09	9-7	3.31	9-7	3.31					
1943 b	5-30	4.07	6-5	.53	6-5	.54	6-5	.71	6-5	.72	6-5	.72	5-30	1.14					

Notes: Quality of record; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS														RIESEL (WACO), TEXAS Watershed SW-11					
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		Rate	2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Vol.		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
1939	5-20	.32	.56	5-20	.35	5-20	.36	5-20	.36	5-20	.36	5-17	.42	5-17	.78				
1940	10-31	2.06	6.67	11-22	2.26	11-22	2.58	11-22	2.82	11-22	3.59	11-22	5.90	11-21	6.22				
1941	6-10	1.85	4.21	6-10	1.98	6-10	2.00	6-10	2.00	6-9	2.00	6-9	2.00	6-2	2.81				
1942	9-8	1.37	3.63	9-8	1.47	9-8	1.55	9-8	1.59	9-8	2.09	9-7	2.24	9-7	2.25				
1943 b	6-5	.17	.42	6-5	.18	6-5	.18	6-5	.18	6-5	.18	6-5	.18	5-30	.19				

Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

10-101

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS					RIEDEL (WACO), TEXAS					Watershed SW-12				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
			1 hour		2 hours		6 hours		12 hours		1 day		2 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	2-16	.43	1-23	.65	1-23	.36	1-23	1.05	1-23	1.36	1-23	1.54	1-23	1.55
1939		0		0		0		0		0		0		0
1940	11-24	.93	11-24	.67	11-24	.87	11-24	1.33	11-24	1.65	11-23	2.14	11-22	3.05
1941	3-10	3.43	6-10	1.57	6-10	1.76	6-10	1.31	6-10	1.81	6-9	1.82	6-9	2.14
1942	6-11	1.81	6-11	.72	6-11	.79	6-11	1.73	6-11	1.66	6-11	1.66	6-10	2.98
1943 P	3-24	.05	4-24	.04	4-24	.06	4-24	.03	4-24	.09	3-24	.12	3-24	.13
1948	4-25	.10	4-25	.08	4-25	.15	4-25	.24	4-25	.25	4-25	.25	4-25	.25
1949	4-27	.02	4-27	.01	4-27	.02	4-27	.02	3-21	.03	3-21	.04	3-21	.06
1950	2-12	2.27	2-12	.62	2-12	.69	2-12	.72	2-12	.72	2-12	.72	2-12	.72
1951	9-13	.01	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T	9-13	T
1952	12-30	.21	12-30	.18	12-30	.26	12-30	.36	12-30	.39	12-30	.39	12-30	.40
1953	3-12	2.17	3-12	.67	3-12	.71	3-11	.74	3-11	.83	3-11	.87	3-9	.91
1954	5-11	.03	5-11	.01	5-11	.02	5-11	.02	5-10	.02	5-10	.02	5-10	.02
1955	3-21	.18	3-21	.10	3-21	.12	3-21	.13	3-21	.13	3-21	.13	3-21	.13
1956		0		0		0		0		0		0		0

Notes: Quality of record; excellent. p - No record July 1943 to June 1947, maximums for the year 1943 occurred before July 1 and period of peak runoff for 1947 at nearby stations occurred prior to June 1947.

Notes: Quality of record; excellent. P - No record July 1943 to June 1947, maximums for the year 1943 occurred before July 1 and period of peak runoff for 1947 at nearby stations occurred prior to June 1947.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	RIEDEL (MAGO), TEXAS				Watershed S#-13			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																					
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days											
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1939	5-17	1.51	5-17	.45	5-17	.46	5-17	.50	5-17	.60	5-17	.81	5-16	1.32										
1940	10-31	6.74	11-22	1.76	11-22	1.88	11-22	2.13	11-22	2.35	11-22	4.79	11-22	5.08										
1941	6-10	3.48	6-10	1.58	6-10	1.62	6-10	1.62	6-10	1.62	6-9	1.67	6-2	2.27										
1942	6-11	5.47	9-8	1.54	9-8	1.59	6-11	1.80	6-11	1.80	9-7	2.88	9-7	3.65										
1943 b	6-5	1.72	6-5	.32	6-5	.33	6-5	.33	6-5	.33	6-5	.33	5-30	.38										

Notes: Quality of records; good for maximum rates, fair for maximum volumes. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of records: good for maximum rates, fair for maximum volumes. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RICEEL (WACO), TEXAS				Watershed SW-14			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939	5-17	1.03	5-20	.43	5-20	.49	5-20	.50	5-17	.58	5-16	.87	5-16	1.57			
1940	7-3	4.75	11-22	1.99	11-22	2.35	11-22	2.80	11-22	3.23	11-22	4.03	11-22	6.52			
1941	6-10	3.90	6-10	1.52	6-10	1.58	6-10	1.58	6-9	1.58	6-9	1.72	6-2	2.35			
1942	6-11	4.22	9-8	1.38	9-8	1.58	6-11	1.99	6-11	2.01	9-7	3.56	9-7	4.40			
1943 b	6-5	3.15	6-5	.56	6-5	.57	5-30	.70	5-30	.87	5-30	.87	5-30	1.54			
Notes: Quality of record; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.																	

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RISSEL (WACO), TEXAS				Watershed SW-16			
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	1 hour			2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	4-15	.41	.31	4-15	.47	4-15	.92	1-23	1.26	1-23	1.66	1-23	1.66	1-23	1.66		
1939	5-17	1.91	.55	5-20	.69	5-20	.64	5-20	.65	5-17	.74	5-17	1.05	5-16	1.86		
1940	10-31	5.80	1.89	11-22	2.11	11-22	2.58	11-22	2.92	11-22	3.50 e	11-22	6.25	11-22	7.33		
1941	6-10	4.48	1.81	6-10	1.88	6-10	1.89	6-10	1.89	6-9	2.00	6-9	2.00	6-2	2.73		
1942	9-8	3.85	1.52	9-8	1.62	9-8	1.89	9-8	2.14	9-7	3.35	9-7	4.34	9-7	4.37		
1943 b	6-5	3.66	.43	6-5	.47	6-5	.69	6-5	.70	6-5	.70	5-30	.72	5-29	1.48		

Notes: Quality of record; good for maximum rate, fair for maximum volumes. e - Partially estimated. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				RICELO (WACO), TEXAS Watershed SW-17											
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		Rate	2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Vol.		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	5-13	.44	.83	5-20	.50	5-20	.50	5-20	.50	5-20	.50	5-20	.50	5-17	.70
1940	10-31	1.99	7.06	11-22	2.33	11-22	2.67	11-22	2.78	11-22	3.91	11-22	5.37	11-22	6.76
1941	6-10	2.10	6.30	6-10	2.17	6-10	2.18	6-10	2.20	6-10	2.21	6-9	2.27	6-2	3.20
1942	9-8	1.83	5.90	9-8	1.88	9-8	2.04	9-8	2.09	9-8	2.83	9-7	3.88	9-7	3.90
1943 p	6-10	.63	4.34	6-5	.63	6-5	.72	6-5	.73	6-5	.75	6-5	.75	5-30	1.28
1948	4-25	1.31	3.58	4-25	1.82	4-25	2.00	4-25	2.00	4-25	2.00	4-25	2.00	4-25	2.00
1949	7-4	.64	1.26	7-4	.66	7-4	.66	7-4	.67	7-4	.67	7-4	.67	7-4	.67
1950	2-12	1.06	3.58	2-12	1.18	2-12	1.27	2-12	1.28	2-12	1.29	2-12	1.29	2-12	1.29
1951	6-15	.05	.16	6-15	.06	6-16	.06	6-16	.06	6-16	.06	6-16	.06	6-16	.06
1952	5-23	.40	.62	12-30	.58	12-30	.93	12-30	.98	12-30	.99	12-30	.99	12-30	.99
1953	3-12	.59	1.53	3-12	.66	3-12	.69	3-12	.70	3-11	.88	3-10	1.09	5-12	1.10
1954	5-11	.49	.87	5-11	.53	5-11	.54	5-11	.54	5-11	.54	5-10	.55	5-10	.55
1955	3-21	.82	1.23	3-21	.95	3-21	.99	3-21	.99	3-21	.99	3-21	.99	3-21	.99
1956	11-4	.01	.04	11-4	.02	11-4	.02	11-4	.03	11-4	.03	11-4	.03	11-4	.03

Notes: Quality of record; Good 1939 - 1943, excellent 1948 - 1956. p - No record July 1943 to Jan. 1948, maximums for all stations in 1943 occurred before July 1.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	5-20	.51	5-20	.34	5-20	.39	5-20	.39	5-20	.39	5-17	.42	5-17	.81				
1940	10-31	7.47	11-22	2.17	11-22	2.78	11-22	3.04	11-22	3.82	11-22	6.09	11-22	6.39				
1941	6-10	4.76	6-10	1.95	6-10	2.06	6-10	2.06	6-9	2.08	6-9	2.08	6-2	2.84				
1942	9-8	4.27	9-8	1.50	9-8	1.55	9-8	1.57	9-8	2.07	9-7	2.35	6-10	2.52				
1943 b	6-5	1.36	6-5	.40	6-5	.41	6-5	.41	6-5	.41	6-5	.41	5-30	.42				

Notes: Quality of record; good. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										RIDESEL (WACO), TEXAS				Watershed Z			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	5-20	.27	5-20	.18	5-20	.26	5-20	.32	5-20	.33	5-20	.33	5-20	.33	5-17	.49	
1940	11-22	1.36	11-22	1.00	11-22	1.19	11-22	1.39	11-22	1.50	11-22	1.97	11-22	4.08	11-22	4.45	
1941	6-10	1.54	6-10	1.06	6-10	1.36	6-10	1.55	1-13	1.66	1-13	1.74	1-13	1.75	1-13	1.75	
1942	9-8	.75	9-8	.46	6-11	.64	6-11	1.11	6-11	1.27	6-10	1.30	6-10	1.35	6-10	2.42	
1943 b	4-8	.04	4-8	.02	4-8	.03	6-5	.05	6-5	.05	6-5	.05	3-24	.09	3-24	.09	

Notes: Quality of record; fair. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

Notes: Quality of record; fair. b - Record discontinued July 1943, maximums for all stations in 1943 occurred before July 1.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HAYS, KANSAS Watershed 1.61 AG									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1932	6-8	e 2.50	6-8	e 1.50	6-8	e 1.90	6-8	e 2.15	6-8	e 2.15	6-8	e 2.15	6-8	e 2.15	6-8	e 2.15			
1933	8-22	.47	8-22	.08	8-22	.08	8-22	.08	8-22	.08	8-22	.08	8-22	.08	8-22	.08			
1934	6-16	1.37	6-16	.43	6-16	.43	6-16	.43	6-16	.43	6-16	.43	6-15	.70	6-15	.70			
1935	6-1	2.09	9-25	.70	9-25	.72	9-25	.72	9-25	.72	9-25	.72	9-25	.72	9-25	.72			
1936	5-28	.72	5-28	.22	5-28	.22	5-28	.22	5-28	.22	5-28	.22	5-28	.22	5-28	.22			
1937	7-24	1.96	7-24	.74	7-24	.74	7-24	.74	7-24	.74	7-24	.74	7-24	.74	7-24	.74			
1938	5-30	1.69	5-30	.58	5-30	.58	5-16	.85	5-16	.85	5-16	.85	5-16	.85	5-16	.85			
1939	6-25	.84	6-25	.37	6-25	.37	6-25	.37	6-25	.37	6-25	.37	6-25	.41	6-25	.41			
1940	7-2	.41	7-2	.26	7-2	.34	7-2	.42	7-2	.42	7-2	.42	7-2	.42	7-2	.42			
1941	6-8	.72	6-8	.33	6-8	.40	6-8	.42	6-8	.42	6-8	.53	6-8	.63	6-8	.63			
1942	5-31	.40	5-31	.26	5-31	.36	5-31	.74	5-31	.74	5-31	.74	5-31	.74	5-31	.74			
1943	9-3	.09	9-3	.03	9-3	.03	9-3	.03	9-3	.03	9-3	.03	9-3	.03	9-3	.03			
1944	7-11	.35	7-11	.13	7-11	.15	7-11	.15	7-11	.15	7-11	.15	7-11	.15	7-11	.15			
1945	*		*		*		*		*		*		*		*				
1946	5-30	1.09	5-30	.68	5-30	.84	5-30	.89	5-30	.89	5-30	.89	5-30	.89	5-30	.89			
1947	No Runoff																		

Notes: e - estimated. * - No hydrograph records available. Quality of records: Fair.

Notes: e - estimated. * - No hydrograph records available. Quality of records: Fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed W-3			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	9-13	.13	9-13	.11	9-13	.16	8-16	.18	8-16	.18	8-16	.18	8-16	.18	8-16	.18	
1939	6-20	1.15	6-20	.60	6-20	.75	6-20	.89	6-20	.90	6-20	.90	6-20	.92	6-15	1.13	
1940	5-17	.05	5-17	.02	5-17	.04	5-17	.10	5-17	.10	5-17	.10	5-17	.10	5-17	.10	
1941	6-5	.53	6-5	.37	6-5	.53	6-5	.63	6-5	.68	6-5	.70	6-8	.84	6-2	1.60	
1942	6-5	.20	6-20	.15	6-20	.27	6-20	.53	9-2	.59	9-2	.78	9-2	.78	6-20	1.30	
1943	6-10	.35	6-10	.31	6-10	.47	6-10	.59	6-10	.59	6-10	.62	6-10	.77	6-7	1.27	
1944	5-27	.47	5-12	.36	5-12	.53	5-12	.62	8-25	.78	8-25	.78	8-25	.78	8-23	1.15	
1945	7-16	.17	6-5	.14	6-5	.26	6-5	.36	6-15	.43	6-15	.43	6-15	.43	6-5	.43	
1946	9-5	.51	9-5	.42	9-5	.58	9-5	.73	9-5	.74	9-5	.83	9-5	1.23	9-5	1.36	
1947	6-18	.30	6-12	.24	6-12	.39	6-12	.69	6-12	.71	6-12	.71	6-12	.71	6-12	1.11	
1948	7-18	.30	7-18	.21	7-18	.30	7-18	.39	7-18	.39	7-18	.39	7-18	.39	7-18	.39	
1949	5-5	.63	6-8	.50	6-8	.72	6-8	.90	6-8	1.13	6-8	1.14	6-7	1.45	6-5	1.83	
1950	9-20	.57	9-19	.55	9-19	1.10	9-19	2.10	9-19	2.47	9-19	2.48	9-19	2.48	9-15	2.67	
1951	7-10	1.74	7-10	1.32	6-1	1.73	6-1	2.35	6-1	2.52	7-10	2.66	7-10	2.67	7-10	3.32	
1952	7-14	1.33	7-14	1.02	7-14	1.47	7-13	1.79	7-13	1.80	7-13	1.80	7-13	1.80	7-13	1.94	
1953	6-7	.72	6-7	.58	6-7	.83	6-7	.88	6-7	.88	6-7	.88	6-7	.88	6-7	.88	
1954	5-22	1.57	5-22	.92	5-22	1.29	5-22	1.39	5-22	1.48	5-22	1.49	5-22	1.49	5-15	1.59	
1955	9-20	.13	9-20	.11	9-20	.19	9-20	.26	9-20	.27	9-20	.27	9-20	.32	9-20	.56	
1956	6-26	.26	6-26	.23	6-26	.36	6-25	.44	6-25	.44	6-25	.44	6-25	.73	6-25	1.07	

Notes: p - Station established in July, 1938.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed W-5			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	6-20	.16	6-20	.03	6-20	.13	6-20	.30	6-20	.32	6-20	.32	6-20	.34	6-20	.40	
1940	6-8	.01	6-8	.01	6-8	.01	6-8	.02	6-8	.02	6-8	.02	6-8	.02	6-8	.02	
1941	6-5	.25	6-5	.20	6-5	.28	6-8	.42	6-8	.61	6-8	.95	6-8	1.02	6-2	1.52	
1942	6-5	.66	6-5	.42	6-5	.53	6-5	.59	6-20	.61	6-20	.61	6-20	.67	6-2	1.28	
1943	6-10	.85	6-11	.60	6-11	.72	6-11	.76	6-11	.76	6-11	.76	6-10	1.07	6-10	1.83	
1944	5-27	.80	5-12	.69	5-12	1.02	5-12	1.13	5-12	1.11	5-11	1.11	5-11	1.11	8-23	1.31	
1945	7-16	.18	7-16	.15	7-16	.23	7-16	.37	7-16	.41	7-16	.41	7-16	.41	7-16	.41	
1946	8-7	.23	8-7	.18	8-7	.28	8-7	.35	8-7	.36	8-7	.36	9-5	.57	9-5	.63	
1947	6-12	.16	6-12	.15	6-12	.26	6-12	.47	6-11	.51	6-11	.52	6-11	.52	6-11	.84	
1948	7-18	.27	7-18	.22	7-18	.36	7-18	.47	7-18	.48	7-18	.48	7-18	.48	7-18	.48	
1949	6-8	.67	6-8	.59	6-8	.88	6-8	1.11	6-8	1.20	6-8	1.20	6-7	1.52	6-5	1.98	
1950	9-19	.56	9-19	.50	9-19	.89	9-19	1.54	9-19	1.62	9-19	1.67	9-19	1.67	9-15	1.67	
1951	6-1	.93	6-1	.89	6-1	1.56	6-1	2.06	6-1	2.28	6-1	2.30	7-10	2.40	6-1	2.69	
1952	7-11	.64	7-11	.59	7-11	1.01	7-13	1.53	7-13	1.57	7-13	1.57	7-13	1.57	7-6	1.69	
1953	6-7	.62	6-7	.47	6-7	.67	6-7	.80	6-7	.80	6-7	.80	6-7	.80	6-7	.80	
1954	5-22	.68	5-22	.61	5-22	.83	5-22	1.02	5-22	1.04	5-22	1.06	5-22	1.06	5-15	1.11	
1955	9-20	.15	9-20	.05	9-20	.08	9-20	.15	9-25	.18	9-25	.21	9-24	.21	9-20	.41	
1956	6-26	.16	6-26	.11	6-26	.21	6-25	.27	6-25	.27	6-25	.27	6-25	.37	6-25	.59	

Notes: p - Station established in June 1939.
Quality of records: excellent.

Notes: p - Station established in June 1939.

Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed W-8			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	8-17	.02	8-17	.02	8-17	.03	8-17	.07	8-17	.10	8-17	.10	8-17	.10	8-17	.10	
1939	6-20	.05	6-20	.04	6-20	.08	6-20	.18	6-20	.21	6-20	.22	6-20	.24	6-20	.25	
1940	6-9	.01	6-9	.01	6-9	.01	6-9	.02	6-9	.03	6-9	.03	6-9	.04	6-8	.04	
1941	6-22	.09	6-22	.07	6-22	.13	6-22	.27	6-8	.46	6-8	.73	6-8	.90	6-3	1.34	
1942	6-5	.16	6-5	.13	6-5	.19	6-5	.45	6-20	.62	9-2	.78	9-2	.79	6-5	1.03	
1943	6-14	.18	6-14	.15	6-14	.23	6-14	.50	6-14	.58	6-14	.60	6-14	.60	6-10	1.46	
1944	8-25	.19	8-25	.18	8-25	.33	8-25	.73	8-25	1.10	8-25	1.18	8-25	1.19	8-23	1.64	
1945	7-16	.17	7-16	.13	7-16	.23	7-16	.42	7-16	.58	7-16	.62	7-16	.63	7-16	.63	
1946	9-6	.06	9-6	.06	9-6	.11	9-5	.26	9-5	.37	9-5	.43	9-5	.83	9-5	.84	
1947	6-18	.08	6-18	.07	6-18	.12	6-12	.28	6-12	.40	6-12	.43	6-12	.43	6-12	.75	
1948	7-18	.07	7-18	.06	7-18	.12	7-18	.23	7-18	.27	7-18	.28	7-18	.28	7-18	.28	
1949	6-8	.19	6-8	.18	6-8	.32	6-8	.74	6-8	.98	6-8	1.00	6-7	1.05	6-5	1.59	
1950	9-20	.27	9-20	.25	9-20	.47	9-20	.91	9-20	1.12	9-19	1.39	9-19	1.39	9-19	1.39	
1951	6-1	.45	6-1	.40	6-1	.69	6-1	1.26	6-1	1.58	7-10	1.97	7-10	2.38	7-10	2.84	
1952	7-14	.37	7-14	.33	7-14	.59	7-14	1.21	7-13	1.43	7-13	1.46	7-13	1.46	7-13	1.61	
1953	6-7	.26	6-7	.23	6-7	.42	6-7	.79	6-7	.85	6-7	.86	6-7	.86	6-7	.87	
1954	5-22	.38	5-22	.33	5-22	.59	5-22	1.00	5-22	1.10	5-22	1.17	5-22	1.17	5-18	1.59	
1955	9-20	.06	9-20	.06	9-20	.11	9-20	.27	9-20	.33	9-20	.33	9-20	.40	9-20	.68	
1956	6-26	.07	6-26	.07	6-26	.12	6-26	.27	6-25	.30	6-24	.31	6-25	.43	6-25	.85	
1957	6-15	.38	6-15	.37	6-15	.70	6-15	1.67	6-15	2.58	6-15	3.43	6-15	4.86	6-13	4.99	

Notes: p - Station established in July, 1938. e - Partially estimated.
Quality of records: fair.

Notes: p - Station established in July, 1938. e - Partially estimated.
Quality of records: fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA Watershed W-11										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	6-21	.01	6-21	.02	6-21	.05	6-21	.07	6-20	.08	6-20	.10	6-20	.12
1940	6-22	T	6-22	T	6-22	T	6-22	T	6-22	T	6-22	T	6-22	T
1941	6-9	.04	6-8	.05	6-8	.17	6-8	.33	6-8	.56	6-8	.81	6-2	1.03
1942	9-3	.05	6-20	.05	6-20	.14	6-20	.41	6-20	.55	9-2	.57	6-20	1.21
1943	6-14	.08	6-14	.15	6-14	.32	6-14	.52	6-14	.57	6-14	.57	6-10	1.48
1944	5-12	.11	5-12	.18	8-25	.46	8-25	.79	8-25	1.05	8-25	1.06	8-23	1.74
1945	7-16	.09	7-16	.17	7-16	.35	7-16	.56	7-16	.66	7-16	.67	7-16	.67
1946	9-6	.02	9-6	.04	9-6	.12	9-6	.29	9-6	.31	9-5	.67	9-5	.75
1947	6-12	.04	6-12	.07	6-12	.19	6-12	.28	4-10	.31	4-9	.32	6-12	.58
1948	7-18	.02	7-18	e .04	7-18	e .10	7-9	e .14	7-9	e .17	7-9	e .17	7-9	e .17
1949	6-9	.11	6-9	.20	6-8	.48	6-8	.72	6-8	.86	6-8	.86	6-5	e 1.57
1950	9-20	.21	9-20	.38	9-20	.80	9-19	1.13	9-19	1.33	9-19	1.35	9-19	1.35
1951	6-1	.33	6-1	.59	6-1	1.16	6-1	1.49	7-10	1.83	7-10	2.23	7-10	2.61
1952	7-14	.30	7-14	.45	7-14	.83	7-14	1.14	7-13	1.17	7-13	1.28	7-13	1.39
1953	6-7	.19	6-7	.30	6-7	.67	6-7	.83	6-7	.84	6-7	.85	6-7	.85
1954	5-23	.28	5-23	.47	5-22	.80	5-22	.98	5-22	1.07	5-22	1.08	5-22	1.41
1955	9-20	.05	9-20	.09	9-20	.24	9-20	.41	9-20	.43	9-20	.53	9-20	.90
1956	7-3	.03	6-26	.04	6-26	.12	6-26	.16	7-3	.23	7-2	.24	6-26	.63
1957	6-15	.41	6-15	.78	6-15	1.83	6-15	2.72	6-15	3.27	6-15	4.87	6-13	4.93

Notes: p - Station established in April, 1939. e - Partially estimated.
Quality of records: fair.

Notes: p - Station established in April, 1939. e - Partially estimated.
Quality of records: fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA Watershed 1-H									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												Vol.				
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
p 1939	8-11	.38	8-11	.05	8-11	.05	8-11	.05	8-11	.05	8-11	.05	8-11	.05					
1940	5-17	.03	5-17	.01	5-17	.01	5-17	.01	5-17	.01	5-17	.01	5-17	.01					
1941	6-5	.05	3-9	.04	3-9	.15	3-9	.17	3-9	.17	3-9	.20	3-2	.21					
1942	9-7	.05	9-7	T	9-7	T	9-7	T	9-7	T	9-7	T	9-7	T					
1943	6-14	.06	6-14	.01	6-14	.01	2-2	.01	2-2	.01	2-2	.01	6-10	.02					
1944	6-17	.02	5-12	eT	4-23	e	4-23	e	4-22	e	4-22	e	3-8	.01					
1945	6-5	.09	6-5	.01	7-16	.01	7-16	.01	7-16	.01	4-6	.01	4-6	.01					
1946	8-7	.19	8-7	.02	8-7	.02	8-7	.02	8-7	.02	8-7	.02	8-7	.02					
1947	6-17	.01	6-17	T	6-17	T	6-17	T	6-17	T	6-17	T	6-17	T					
* 1948	7-9	.01	7-9	T	7-9	T	7-9	T	7-9	T	7-9	T	7-9	T					
1949	10-9	.39	10-9	.13	10-9	.13	10-9	.13	10-9	.13	10-9	.13	10-9	.13					
1950	9-15	.11	9-15	.03	9-19	.04	9-19	.05	9-19	.05	9-19	.05	9-15	.08					
1951	7-10	1.16	6-1	.69	6-1	.92	6-1	.92	6-1	.92	6-1	.92	6-1	.92					
1952	6-26	.63	7-14	.14	7-14	.15	7-14	.15	7-14	.15	7-14	.15	7-14	.15					
1953	6-7	.01	6-7	T	6-7	T	6-7	T	6-7	T	6-7	T	6-7	T					
1954	5-22	.66	5-22	.14	5-22	.14	5-22	.14	5-22	.14	5-22	.14	5-22	.14					
1955	9-20	.14	9-20	.09	9-20	.09	9-20	.09	9-20	.09	9-20	.09	9-20	.09					
1956	2-23	T	2-23	T	2-23	T	2-23	T	2-23	T	2-23	T	2-23	T					

Notes: e - Partially estimated. p - Station established in March, 1939. * Identical maximum discharge on 7-18-48. Quality of records: excellent except for those that are partially estimated which are fair.

Notes: e - Partially estimated. p - Station established in March, 1939. * Identical maximum discharge on 7-18-48. Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA				Watershed 2-H								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-11	1.11	8-11	.16	8-11	.16	8-11	.16	8-11	.16	8-11	.16	8-11	.16	8-11	.16
1940	5-17	.01	6-8	T	6-8	T	5-17	T	5-17	T	5-17	T	5-17	T	5-17	T
1941	6-5	.80	6-5	.21	6-5	.22	6-5	.22	6-5	.22	6-5	.22	6-5	.22	6-2	.40
1942	9-7	1.39	9-7	.25	9-7	.25	9-7	.25	9-7	.25	9-7	.25	9-7	.25	9-2	.26
1943	6-14	.12	2-3	.09	2-2	.14	2-2	.21	2-2	e .23	2-2	e .23	2-2	e .23	2-2	e .23
1944	5-27	.57	8-25	.12	8-25	.12	8-25	e .13	8-25	e .13	8-25	e .13	8-25	e .13	8-25	e .22
1945	7-16	.61	7-16	.11	7-16	.11	7-16	.11	7-16	.11	7-16	.11	7-16	.11	7-16	.11
1946	8-7	1.48	9-5	.24	9-5	.24	9-5	.24	9-5	.24	9-5	.24	9-5	.24	9-5	.24
1947	6-17	.04	4-9	.02	4-9	.04	4-9	.04	4-9	.04	4-9	.04	4-9	.04	4-9	.04
1948	7-18	.94	7-18	.18	7-18	.18	7-18	.18	7-18	.18	7-18	.18	7-18	.18	7-18	.18
1949	6-8	.49	6-8	.23	6-8	.26	6-8	.26	6-8	.26	6-8	.26	6-8	.26	6-8	.26
1950	6-16	.07	9-19	.02	9-19	.03	9-19	.05	9-19	.05	9-19	.05	9-19	.05	9-15	.05
1951	7-10	1.89	6-1	.67	6-1	.88	6-1	.91	6-1	.91	6-1	.91	6-1	.91	6-1	.91
1952	7-14	1.86	7-14	.54	7-14	.58	7-14	.58	7-14	.58	7-14	.58	7-14	.58	7-14	.58
1953	6-7	.16	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-7	.05	6-7	.05
1954	5-22	1.89	5-22	.44	5-22	.46	5-22	.46	5-22	.46	5-22	.46	5-22	.46	5-22	.46

Notes: e - Partially estimated. p - Station established in March, 1939.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: e - Partially estimated. p - Station established in March, 1939.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 4-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	8-11	1.78	6-20	.33	6-20	.45	6-20	.45	6-20	.45	6-20	.45	6-20	.45	6-15	.65	
1940	6-8	1.55	6-8	.28	6-8	.33	6-8	.33	6-8	.33	6-8	.33	6-8	.33	6-8	.33	
1941	6-5	2.12	6-5	.56	6-5	.66	6-5	.68	6-5	.68	6-5	.68	6-5	.73	6-8	1.79	
1942	8-7	2.50	8-7	.71	8-7	.71	8-7	.71	8-7	.71	8-7	.71	8-7	.71	8-5	1.62	
1943	6-14	2.38	6-14	.76	6-14	.77	6-14	.77	6-14	.77	6-14	.77	6-10	.89	6-10	1.80	
1944	5-27	3.95	5-27	.92	5-27	.93	5-27	.93	5-27	.93	5-27	.93	5-27	.93	5-25	1.18	
1945	6-5	2.32	6-5	.45	7-16	.60	7-16	.60	7-16	.60	7-16	.60	7-16	.60	7-11	.60	
1946	8-7	5.01	8-7	.87	8-7	.87	9-5	1.00	9-5	1.00	9-5	1.04	9-5	1.40	9-5	1.48	
1947	6-22	.94	6-17	.38	4-9	.43	6-12	.59	6-11	.61	6-11	.61	6-11	.61	6-11	1.01	
1948	7-18	2.44	7-18	.53	7-18	.53	7-18	.53	7-18	.53	7-18	.53	7-18	.53	7-18	.53	
1949	10-10	2.56	10-9	.70	6-8	.88	6-8	1.08	10-9	1.23	10-9	1.23	10-9	1.23	4-30	1.60	
1950	9-19	2.35	9-19	.74	9-19	1.22	9-19	2.35	9-19	2.40	9-19	2.40	9-19	2.40	9-15	2.40	
1951	7-10	5.19	7-10	1.68	6-1	1.78	6-1	3.19	6-1	3.19	6-1	3.19	6-1	3.19	6-1	3.65	
1952	6-26	7.67	7-14	1.34	6-26	1.70	7-13	1.99	7-13	1.99	7-13	1.99	7-13	1.99	7-6	2.40	
1953	6-7	1.35	6-7	.68	6-7	.77	6-7	.77	6-7	.77	6-7	.77	6-7	.77	6-5	.77	
1954	5-22	3.95	5-22	1.06	5-22	1.50	5-22	1.52	5-22	1.52	5-22	1.52	5-22	1.52	5-15	1.95	

Notes: p - Station established in April, 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA				Watershed 5-H								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-11	.71	6-20	.30	6-20	.37	6-20	.37	6-20	.37	6-20	.37	6-20	.41	6-15	.51
1940	6-8	.03	6-8	.01	3-15	.02	3-15	.03	3-16	.03	3-16	.06	3-15	.06	3-15	.06
1941	6-5	.82	6-5	.42	6-5	.56	6-5	.58	6-5	.58	6-8	.92	6-8	1.02	6-2	1.64
1942	8-7	2.35	8-7	.72	8-7	.72	8-7	.72	8-7	.72	8-7	.72	8-5	.79	6-20	1.37
1943	6-10	2.30	6-10	.66	6-10	.67	6-10	.67	6-10	.67	6-10	.77	6-10	.83	6-7	1.44
1944	8-29	1.66	8-25	.57	8-25	1.24	8-25	1.26	8-25	1.26	8-25	1.26	8-25	1.26	8-25	1.79
1945	6-5	2.27	6-5	.70	6-5	.70	6-5	.70	6-5	.70	6-5	.70	6-5	.70	6-5	.70
1946	9-5	.96	9-5	.51	9-5	.61	9-5	.61	9-5	.61	9-5	.64	9-5	.83	9-5	.87
1947	6-26	1.03	6-12	.32	6-12	.40	9-5	.64	6-11	.66	6-11	.66	6-11	.66	6-11	.89
1948	7-18	1.56	7-18	.49	7-18	.49	7-18	.49	7-18	.49	7-18	.49	7-18	.49	7-18	.49
1949	5-5	2.13	5-5	.76	5-5	.90	6-8	1.17	6-8	1.17	6-8	1.17	6-6	1.57	6-5	2.24
1950	7-23	1.94	9-19	.53	9-19	1.00	9-19	1.71	9-19	1.89	9-19	1.89	9-19	1.89	9-15	1.94
1951	7-10	3.10	7-10	1.48	6-1	1.59	6-1	2.58	6-1	2.76	6-1	2.76	6-1	2.76	6-1	3.14
1952	7-14	2.94	7-14	1.41	7-14	1.78	7-13	2.01	7-13	2.01	7-13	2.01	7-12	2.02	7-13	2.07
1953	6-7	1.22	6-7	.53	6-7	.61	6-7	.62	6-7	.62	6-7	.62	6-7	.62	6-7	.62
1954	5-22	2.78	5-22	1.07	5-22	1.08	5-22	1.52	5-22	1.56	5-22	1.56	5-22	1.56	6-15	1.75
1955	6-3	.76	6-4	.48	9-20	.29	9-20	.38	9-20	.38	9-20	.38	9-20	.44	9-20	.68
1956	6-26	.98	6-26	.30	6-26	.36	6-25	.42	6-25	.42	6-25	.42	6-25	.66	6-25	.66

Notes: p Station established in April, 1939.

Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA Watershed 6-H										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
p 1939	6-20	1.50	6-20	.59	6-20	.60	6-20	.67	6-20	.67	6-20	.69	6-12	.95
1940	5-17	.61	5-17	.21	5-17	.22	5-17	.25	5-17	.25	5-17	.25	5-17	.25
1941	6-5	1.01	6-5	.47	6-5	.57	6-5	.58	6-5	.59	6-5	.66	6-2	1.41
1942	8-7	2.28	8-7	.67	8-7	.68	6-20	.76	6-20	.76	6-20	.84	6-20	1.45
1943	6-10	1.64	6-14	.59	6-14	e .64	6-14	e .64	6-14	e .64	6-10	.76	6-7	1.41
1944	5-27	3.19	5-27	e .75	5-11	e .85	5-11	e .85	5-11	e .89	5-11	e .89	5-20	e .98
1945	7-16	1.95	7-16	e .54	7-16	e .54	7-16	e .78	7-16	e .78	7-16	e .78	7-16	e .78
1946	9-5	3.74	9-5	e 1.11	9-5	e 1.12	9-5	e 1.30	9-5	e 1.40	9-5	e 1.92	9-5	e 1.93
1947	6-12	1.08	6-17	.38	6-12	.42	6-12	.55	6-11	.58	6-11	.58	6-11	.98
1948	7-18	2.57	7-18	.57	7-18	.58	7-18	.58	7-18	.58	7-18	.58	7-18	.58
1949	5-5	2.28	5-5	.84	5-5	.90	6-8	1.25	6-8	1.26	6-8	1.72	6-5	2.40
1950	6-16	2.34	9-19	.66	9-19	1.03	9-19	1.79	9-19	1.98	9-19	1.98	9-15	2.03
1951	7-10	4.79	7-10	1.66	6-1	2.09	6-1	2.64	6-1	2.80	7-10	2.85	7-10	3.53
1952	6-26	2.93	7-14	1.26	7-14	1.58	7-13	1.71	7-13	1.71	7-13	1.71	7-7	1.75
1953	6-7	1.78	6-7	.88	6-7	.99	6-7	1.00	6-7	1.00	6-7	1.00	6-5	1.01
1954	5-22	5.70	5-22	1.54	5-22	1.79	5-22	1.80	5-22	1.87	5-22	1.87	5-22	1.88
1955	6-3	1.46	6-4	.25	9-20	.37	9-20	.48	9-20	.48	9-20	.56	9-20	.88
1956	6-27	1.48	6-26	.35	6-25	.36	6-25	.45	6-25	.45	6-25	.80	6-25	.97

Notes: e - Estimated or partially estimated. p - Station established in April 1939.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: e - Estimated or partially estimated. p - Station established in April 1939.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA Watershed 7-H									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1939	6-20	1.61	6-20	.57	6-20	.63	6-20	.63	6-20	.63	6-20	.63	6-20	.64	6-12	.85			
1940	5-17	.83	5-17	.26	5-17	.30	5-17	.30	5-17	.30	5-17	.30	5-17	.30	5-17	.30			
1941	6-5	.71	6-5	.37	6-5	.44	6-5	.44	6-5	.44	6-5	.47	6-5	.47	6-2	1.04			
1942	8-7	1.88	8-7	.55	8-7	.75	6-20	.75	6-20	.75	6-20	.75	6-20	.83	6-20	1.23			
1943	6-10	1.64	6-10	e .51	6-10	e .53	6-14	e .53	6-14	e .53	6-10	e .59	6-10	e .64	6-7	e 1.18			
1944	5-27	3.25	5-27	.74	5-11	e .86	5-11	e .86	5-11	e .88	5-11	e .88	5-11	e .88	5-25	e .94			
1945	7-16	1.81	7-16	e .49	7-16	e .63	7-16	e .63	7-16	e .63	7-16	e .63	7-16	e .63	7-16	e .63			
1946	9-5	3.66	9-5	e 1.05	9-5	e 1.20	9-5	e 1.20	9-5	e 1.28	9-5	e 1.28	9-5	e 1.82	9-5	e 1.86			
1947	6-12	.58	6-17	.21	6-12	.33	6-12	.33	6-12	.33	6-12	.33	6-12	.33	6-12	.54			
1948	7-18	1.27	7-18	.25	7-18	.25	7-18	.25	7-18	.25	7-18	.25	7-18	.25	7-18	.25			
1949	* 5-5	2.15	5-5	.72	6-8	.98	6-8	1.30	6-8	1.30	6-8	1.31	6-6	1.83	6-5	2.51			
1950	6-16	1.83	9-19	.73	9-19	1.08	9-19	1.58	9-19	1.66	9-19	1.74	9-19	1.74	9-15	1.80			
1951	7-10	2.61	7-10	1.00	6-1	1.58	6-1	1.80	6-1	1.92	6-1	1.92	7-10	2.25	7-10	2.30			
1952	5-21	2.37	7-13	1.18	7-14	1.46	7-13	1.56	7-13	1.56	7-13	1.56	7-13	1.56	7-13	1.60			
1953	6-6	1.57	6-7	.82	6-7	.89	6-7	.89	6-7	.89	6-7	.89	6-7	.89	6-5	.90			
1954	5-22	4.76	5-22	1.39	5-22	1.52	5-22	1.53	5-22	1.58	5-22	1.58	5-22	1.58	5-22	1.59			
1955	6-3	1.66	9-20	.34	9-20	.54	9-20	.63	9-20	.63	9-20	.63	9-20	.63	9-20	1.22			
1956	6-27	1.14	6-27	.34	6-27	.40	6-27	.41	6-27	.41	6-27	.41	6-25	.74	6-25	.88			

Notes: p - Station established in April 1939. e - Estimated or partially estimated. * Identical maximum discharge on 10-10-49. Quality of records: excellent except for those that are partially estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated. * Identical maximum discharge on 10-10-49. Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA Watershed 8-H												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-11	2.67	6-20	.50	6-20	.62	6-20	.62	6-20	.62	6-20	.62	6-20	.65	6-15	.96
1940	2-11	.01	2-11	.01	2-11	.02	2-11	.02	2-11	.02	2-11	.02	2-11	.02	2-11	.03
1941	6-5	.92	6-5	.51	6-5	.61	6-5	.61	6-5	.61	6-5	.64	6-8	.67	6-2	1.47
1942	8-7	1.39	8-7	.48	8-7	.48	8-7	.48	8-7	.48	8-5	.49	8-5	.49	8-5	.49
1943	6-10	3.66	6-14	e .93	6-14	e .94	6-14	e .94	6-14	e .94	6-10	e1.08	6-10	e1.22	6-7	e2.16
1944	5-27	2.13	5-27	.72	5-11	e .82	5-11	e .82	5-11	e .82	5-11	e .84	5-11	e .84	5-20	.90
1945	6-5	.78	7-16	.20	7-16	.25	7-16	.25	7-16	.25	7-16	.25	7-16	.25	7-16	.25
1946	8-7	.34	9-5	.08	9-5	.09	9-5	.09	9-5	.09	9-5	.09	9-5	.10	9-5	.11
1947	6-17	.20	6-17	.11	6-17	.12	6-17	.12	6-12	.13	6-12	.13	6-12	.13	6-12	.24
1948	7-18	.66	7-18	.24	7-18	.24	7-18	.24	7-18	.24	7-18	.24	7-18	.24	7-18	.24
1949	5-5	.84	5-5	.34	5-5	.37	5-20	.38	5-20	.38	5-20	.38	5-20	.38	5-18	.48
1950	9-19	1.73	9-19	.70	9-19	1.88	9-19	1.88	9-19	1.90	9-19	1.90	9-19	1.90	9-15	1.92
1951	7-10	2.65	7-10	1.47	6-1	1.66	6-1	2.35	6-1	2.46	6-1	2.46	6-1	2.46	6-1	2.78
1952	7-14	2.88	7-14	1.08	7-14	1.28	7-13	1.40	7-13	1.40	7-13	1.40	7-13	1.40	7-12	1.42
1953	6-7	1.03	6-7	.61	6-7	.70	6-7	.71	6-7	.71	6-7	.71	6-7	.71	6-7	.71
1954	5-22	2.15	5-22	.99	5-22	1.40	5-22	1.42	5-22	1.42	5-22	1.42	5-22	1.42	5-18	1.48

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 9-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	8-11	1.87	6-20	.23	6-20	.34	6-20	.34	6-20	.34	6-20	.34	6-20	.41	6-20	.50	
1940	5-17	.04	5-17	.01	5-17	.02	5-17	.02	5-17	.02	5-17	.02	3-15	.02	3-9	.03	
1941	6-5	.94	6-5	.39	6-5	.45	6-5	.46	6-5	.46	6-5	.48	6-8	.53	6-2	1.03	
1942	8-7	2.04	6-5	.56	6-5	.58	6-5	.58	9-2	.75	9-2	.75	9-2	.89	6-20	1.48	
1943	6-10	1.75	6-10	.49	6-10	.49	6-10	.49	6-10	.61	6-10	e .90	6-10	e 1.13	6-7	e 1.62	
1944	5-27	2.83	5-27	.75	5-27	.76	5-27	.76	5-27	.76	5-27	.76	5-27	.76	5-20	.89	
1945	7-16	2.81	7-16	.38	7-16	.38	7-16	.64	7-16	.64	7-16	.64	7-16	.64	7-16	.64	
1946	9-5	2.54	9-5	.60	9-5	.60	9-5	.63	9-5	.66	9-5	.66	9-5	1.05	9-5	1.07	
1947	6-17	.66	6-17	.25	6-17	.26	6-12	.33	6-11	.33	6-11	.33	6-11	.33	6-11	.59	
1948	7-18	2.27	7-18	.36	7-18	.36	7-18	.36	7-18	.36	7-18	.36	7-18	.36	7-18	.36	
1949	5-5	1.93	5-5	.67	6-8	.84	6-8	1.14	6-8	1.14	6-8	1.15	6-6	1.52	6-5	2.12	
1950	7-17	1.53	7-17	.33	7-17	.34	9-19	e 1.10	9-19	e 1.90	9-19	e 1.90	9-19	e 1.90	9-19	e 1.90	
1951	7-10	4.36	7-10	1.29	6-1	1.50	6-1	1.85	6-1	1.99	7-10	2.03	7-10	2.44	7-10	2.49	
1952	7-14	2.24	7-14	1.05	7-14	1.26	7-13	1.34	7-13	1.34	7-13	1.34	7-13	1.34	7-13	1.38	
1953	6-7	1.73	6-7	.89	6-7	.97	6-7	.98	6-7	.98	6-7	.98	6-7	.98	6-5	.98	
1954	5-22	5.20	5-22	1.26	5-22	1.56	5-22	1.56	5-22	1.64	5-22	1.64	5-22	1.64	5-22	1.74	

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA Watershed 10-H												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												8 days	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-11	.54	8-11	.03	8-11	.03	6-20	.03	6-20	.03	6-20	.03	6-20	.04	6-20	.04
1940	6-8	.05	6-8	.02	6-8	.02	6-8	.02	6-8	.02	6-8	.02	6-8	.02	6-8	.02
1941	6-5	.29	6-5	.11	6-5	.12	6-5	.12	6-5	.13	6-5	.13	6-5	.13	6-2	.25
1942	8-7	2.69	6-20	.69	6-20	.71	6-20	.94	6-20	.94	9-2	.96	6-20	1.06	6-20	1.84
1943	6-10	1.71	6-10	.60	6-14	.62	6-14	.62	6-14	.62	6-10	.73	6-10	.84	6-7	1.46
1944	5-27	2.33	5-12	.56	5-12	.66	5-11	.67	5-11	.70	5-11	.70	5-11	.70	5-11	.71
1945	6-5	1.89	7-16	.48	7-16	.48	7-16	.61	6-15	.75	6-15	.75	6-15	.75	6-15	.75
1946	9-5	1.46	9-5	.51	9-7	.52	9-7	.64	9-7	.65	9-6	.75	9-5	1.26	9-5	1.34
1947	6-17	.96	6-17	.42	6-12	.44	6-12	.60	6-11	.61	6-11	.61	6-11	.61	6-11	1.42
1948	6-26	.37	6-26	.11	6-26	.12	6-26	.12	6-26	.12	6-26	.12	6-26	.12	6-21	.14
1949	6-8	1.69	6-8	.63	6-8	.81	6-8	1.11	6-8	1.11	6-8	1.12	6-6	1.50	6-5	2.11
1950	9-19	1.05	9-19	.51	9-19	.86	9-19	1.43	9-19	1.49	9-19	1.49	9-19	1.49	9-15	1.49
1951	7-10	3.89	7-10	1.29	7-10	1.42	6-1	1.73	6-1	1.87	6-1	1.87	7-10	2.28	7-10	2.98
1952	7-14	2.62	7-14	1.39	7-14	1.78	7-13	2.10	7-13	2.10	7-13	2.10	7-13	2.10	7-13	2.41
1953	6-7	.98	6-7	.62	6-7	.69	6-7	.69	6-7	.69	6-7	.69	6-7	.69	6-7	.69
1954	5-22	3.71	5-22	1.12	5-22	1.26	5-22	1.29	5-22	1.43	5-22	1.43	5-22	1.43	5-22	1.49

Notes: p - Station established in April 1939.
Quality of records: excellent.

Notes: p - Station established in April 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA Watershed 11-H									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL										Vol.						
			1 hour		2 hours		6 hours		12 hours		1 day			2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939	8-11	.50	6-20	.06	6-20	.06	6-20	.09	6-20	.09	6-20	.09	6-20	.11	6-15	.12			
1940	6-8	.52	6-8	.14	6-8	.14	6-8	.14	6-8	.14	6-8	.14	6-8	.14	6-8	.14			
1941	6-8	2.01	6-5	.58	6-5	.63	6-5	.63	6-8	.67	6-8	1.11	6-8	1.24	6-5	1.98			
1942	8-7	1.98	8-7	.47	8-7	.47	8-7	.47	8-7	.47	8-7	.47	8-5	.52	6-16	.78			
1943	6-10	2.68	6-10	.74	6-10	.76	6-10	.76	6-10	.89	6-10	.97	6-10	1.13	6-7	1.83			
1944	5-12	1.98	5-27	.60	5-11	.75	8-25	.95	8-25	.95	8-25	.95	8-25	.95	8-25	1.46			
1945	6-5	2.76	6-5	.60	6-5	.60	6-5	.60	6-15	.60	6-15	.60	6-15	.60	6-15	.60			
1946	8-7	3.61	8-7	.76	9-5	.76	9-5	.98	9-5	.98	9-5	1.05	9-5	1.50	9-5	1.59			
1947	6-7	.92	6-12	.41	6-12	.53	6-12	.76	6-12	.77	6-12	.77	6-12	.77	6-12	1.18			
1948	7-18	1.98	7-18	.45	7-18	.45	7-18	.45	7-18	.45	7-18	.45	7-18	.45	7-18	.45			
1949	10-10	2.81	10-9	.91	6-8	1.02	6-8	1.45	10-9	1.48	10-9	1.48	6-6	1.93	6-5	2.36			
1950	9-19	2.62	9-19	.93	9-19	1.51	9-19	1.37	9-19	2.52	9-19	2.52	9-19	2.52	9-15	2.52			
1951	7-10	4.77	7-10	1.76	7-10	1.82	6-1	2.65	6-1	2.87	6-1	2.87	6-1	2.87	6-1	3.47			
1952	6-26	5.28	7-14	1.50	7-14	1.83	7-13	2.16	7-13	2.16	7-13	2.16	7-12	2.20	7-12	2.37			
1953	6-7	1.33	6-7	.76	6-7	.85	6-7	.85	6-7	.85	6-7	.85	6-7	.85	6-7	.85			
1954	5-22	2.83	5-22	.92	5-22	1.38	5-22	1.39	5-22	1.39	5-22	1.42	5-22	1.42	5-16	1.45			

Notes: p - Station established in April 1939.
Quality of records: excellent.

Notes: p - Station established in April 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA Watershed 12-H										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1939	8-11	1.59	8-11	.19	8-11	.19	8-11	.19	8-11	.19	8-11	.19	8-11	.19	8-7	.20				
1940	6-8	1.07	6-8	.19	6-8	.21	6-8	.22	6-8	.23	6-8	.23	6-8	.23	6-8	.23				
1941	10-8	2.02	6-5	.33	6-5	.37	6-5	.38	6-5	.38	6-8	.60	6-8	.65	6-2	1.07				
1942	8-7	2.62	8-7	.60	8-7	.60	8-7	.60	9-2	.81	9-2	.87	9-2	.87	6-20	1.02				
1943	6-14	2.47	6-10	.81	6-10	.82	6-10	.82	6-10	1.09	6-10	1.09	6-10	1.32	6-7	2.14				
1944	5-27	4.17	5-27	.98	5-27	.99	5-27	.99	5-27	.99	5-27	.99	5-27	1.00	5-20	1.28				
1945	6-5	2.72	6-5	.41	7-16	.46	7-16	.46	7-16	.46	7-16	.46	7-16	.46	7-16	.46				
1946	8-7	6.58	8-7	.90	8-7	.90	9-5	1.17	9-5	1.30	9-5	1.30	9-5	1.94	9-5	2.12				
1947	6-12	2.05	6-12	.64	6-12	.78	6-12	1.14	6-11	1.19	6-11	1.19	6-11	1.19	6-11	1.76				
1948	7-18	3.60	7-18	.73	7-18	.74	7-18	.74	7-18	.74	7-18	.74	7-18	.74	7-18	.74				
1949	7-13	4.66	5-5	.85	10-9	.91	6-8	1.32	10-9	1.33	10-9	1.33	6-6	1.65	6-5	1.98				
1950	9-19	4.15	9-19	1.08	9-19	1.74	9-19	2.98	9-19	3.24	9-19	3.24	9-19	3.24	9-15	3.34				
1951	7-10	5.07	7-10	1.71	7-10	1.75	6-1	2.15	6-1	2.37	6-1	2.37	6-1	2.37	6-1	2.90				
1952	6-26	7.43	7-14	1.28	6-26	1.43	7-13	1.90	7-13	1.90	7-13	1.90	7-13	1.90	7-6	2.35				
1953	6-7	1.97	6-7	.81	6-7	.93	6-7	.93	5-27	1.58	5-27	1.59	5-27	1.59	5-27	1.59				
1954	5-22	4.36	5-22	1.03	5-22	1.56	5-22	1.57	5-22	1.66	5-22	1.66	5-22	1.66	5-18	1.89				

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
Quality of records: excellent except for those that are estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
 Quality of records: excellent except for those that are estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA				Watershed 13-H												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
p 1939	8-11	.99	8-11	.18	8-11	.18	6-20	.23	6-20	.23	6-20	.23	6-20	.27	6-15	.37				
1940	6-8	.60	6-8	.14	6-8	.15	6-8	.16	6-8	.16	6-8	.16	6-8	.16	6-8	.16				
* 1941	6-5	e .83	6-5	e .42	6-5	e .55	e .57	e .59	6-8	e 1.15	6-8	e 1.15	6-8	e 1.28	6-2	e 1.88				
1942	8-7	2.92	8-7	.70	8-7	.70	8-7	.70	8-7	.70	8-7	.70	8-7	.70	6-20	1.38				
1943	6-10	3.81	6-10	.86	6-10	.86	6-10	.86	6-10	.86	6-10	.86	6-10	1.35	6-7	e 2.15				
1944	5-27	2.58	8-25	.66	8-25	.97	8-25	1.58	8-25	1.59	8-25	1.59	8-25	1.59	8-23	e 2.20				
1945	6-5	2.96	6-5	.60	6-5	.61	6-5	.61	6-5	.61	6-5	.61	6-5	.61	6-5	.61				
1946	8-7	4.97	9-5	.78	9-5	.78	9-5	1.09	9-5	1.09	9-5	1.09	9-5	1.09	9-5	1.90				
1947	6-26	.70	6-17	.23	4-9	.36	6-12	.43	6-12	.45	6-12	.45	6-12	.45	6-12	.75				
1948	7-18	3.37	7-18	.65	7-18	.65	7-18	.65	7-18	.65	7-18	.65	7-18	.65	7-18	.65				
1949	7-13	3.29	5-5	.82	5-5	.86	6-8	1.36	6-8	1.36	6-8	1.36	6-6	1.91	6-5	2.78				
1950	7-17	2.51	9-19	.72	9-19	1.20	9-19	2.06	9-19	2.25	9-19	2.25	9-19	2.25	9-15	2.26				
1951	7-10	4.33	7-10	1.72	6-1	1.84	6-1	2.73	6-1	2.95	6-1	2.95	6-1	2.95	6-1	3.44				
1952	7-14	2.92	7-13	1.34	7-13	1.58	7-13	1.72	7-13	1.72	7-13	1.72	7-13	1.72	7-13	1.79				
1953	6-7	1.25	6-7	.83	6-7	1.00	6-7	1.00	6-7	1.00	6-7	1.00	6-7	1.00	6-7	1.00				
1954	5-22	3.69	5-22	1.09	5-22	1.70	5-22	1.74	5-22	1.86	5-22	1.86	5-22	1.86	5-15	2.20				

Notes: p - Station established in April 1939. e - Estimated or partially estimated. * - Records poor - estimated. Quality of records: excellent except for those that are partially estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated. * - Records poor - estimated.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA				Watershed 11-H										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1939	6-20	.36	6-20	.09	6-20	.09	6-20	.17	6-20	.17	6-20	.17	6-20	.17	6-20	.21	6-15	.22
1940	5-17	.13	5-17	.06	5-17	.06	5-17	.07	5-17	.07	5-17	.07	5-17	.07	5-17	.07	5-17	.07
1941	6-8	1.55	6-8	.28	6-8	.28	6-8	.28	6-8	.40	6-8	.59	6-8	.64	6-2	.64	6-2	.91
1942	8-7	3.64	8-7	.77	8-7	.77	9-2	1.03	9-2	1.64	9-2	1.88	9-2	1.88	9-2	1.88	9-2	2.00
1943	6-10	2.18	6-14	.73	6-14	.74	6-14	.74	6-14	.74	6-10	.85	6-10	1.04	6-7	1.04	6-7	1.79
1944	5-27	4.38	5-27	.85	5-27	.87	8-25	1.50	8-25	1.50	8-25	1.50	8-25	1.50	8-25	1.50	8-25	1.99
1945	6-5	2.46	6-5	.51	6-5	.51	6-5	.51	6-5	.51	6-5	.51	6-5	.51	6-5	.51	6-5	.51
1946	8-7	1.92	9-5	.60	9-5	.61	9-5	.75	9-5	.75	9-5	.84	9-5	.84	9-5	1.28	9-5	1.34
1947	6-17	1.48	6-17	.43	6-17	.49	6-12	.74	6-11	.76	6-11	.76	6-11	.76	6-11	.76	6-11	1.24
1948	7-18	2.80	7-18	.52	7-18	.52	7-18	.52	7-18	.52	7-18	.52	7-18	.52	7-18	.52	7-18	.52
1949	7-13	3.32	5-5	.91	5-5	1.01	6-8	1.50	6-8	1.54	6-8	1.55	6-6	2.20	6-6	2.20	6-5	3.18
1950	7-17	2.73	9-19	.63	9-19	1.25	9-19	1.97	9-19	2.11	9-19	2.11	9-19	2.11	9-15	2.11	9-15	2.12
1951	7-10	3.97	7-10	1.58	6-1	1.80	6-1	2.78	6-1	3.05	6-1	3.05	6-1	3.05	6-1	3.05	6-1	3.67
1952	7-14	3.20	7-13	1.37	7-13	1.72	7-13	1.93	7-13	1.93	7-13	1.93	7-13	1.93	7-13	1.93	7-13	1.98
1953	6-7	1.58	6-7	.78	6-7	.87	6-7	.87	6-7	.87	6-7	.87	6-7	.87	6-7	.87	6-7	.87
1954	5-22	3.94	5-22	1.01	5-22	1.54	5-22	1.55	5-22	1.68	5-22	1.68	5-22	1.68	5-22	1.68	5-22	1.90

Notes: p - Station established in April 1939.
Quality of records: excellent.

Notes: p - Station established in April 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA Watershed 15-H											
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939	8-11	1.11	6-20	.16	6-20	.32	6-20	.32	6-20	.32	6-20	.36	6-15	.45	
1940	6-8	.12	6-8	.04	6-8	.04	6-8	.04	6-8	.04	6-8	.04	6-8	.04	
1941	6-8	2.99	6-5	.54	6-5	.62	6-8	.75	6-8	.75	6-8	1.00	6-2	1.77	
1942	8-7	2.88	8-7	.79	6-20	.87	9-2	1.25	9-2	1.47	9-2	1.47	9-2	1.57	
1943	6-10	2.28	6-14	.81	6-14	.81	6-14	.81	6-10	1.03	6-10	1.19	6-10	2.00	
1944	5-27	3.18	5-27	.88	5-27	.90	5-27	.90	5-27	.90	5-27	.90	8-23	1.26	
1945	6-5	3.26	6-5	.35	7-16	.47	6-15	.65	6-15	.65	6-15	.65	6-15	.65	
1946	9-5	2.93	9-5	.69	9-7	.77	9-7	.82	9-6	1.03	9-5	1.73	9-5	1.92	
1947	6-12	1.76	6-12	.53	6-12	.88	6-11	.95	6-11	.95	6-11	.95	6-11	1.49	
1948	7-18	4.00	7-18	.67	7-18	.67	7-18	.67	7-18	.67	7-18	.67	7-18	.67	
1949	10-10	4.00	7-13	.79	5-5	.85	6-8	1.23	6-8	1.23	6-8	1.23	6-5	2.67	
1950	7-17	3.51	7-17	.59	7-17	.63	9-19	1.20	9-19	2.06	9-19	2.06	9-15	2.06	
1951	7-10	5.51	7-10	2.21	7-10	2.24	6-1	2.57	6-1	2.78	7-10	3.65	7-10	3.65	
1952	7-14	2.82	7-14	1.13	7-14	1.37	7-14	1.52	7-13	1.52	7-13	1.52	7-13	1.60	
1953	6-7	1.99	6-7	.80	6-7	.91	6-7	.91	6-7	.91	6-7	.91	6-5	.93	
1954	5-22	4.77	5-22	1.09	5-22	1.51	5-22	1.58	5-22	1.95	5-22	1.97	5-22	2.25	

Notes: p - Station established in April 1939.
Quality of records: excellent.

Notes: p - Station established in April 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 16-H				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
p 1939	6-15	.28	6-15	.08	6-20	.12	6-12	.12	6-20	.12	6-20	.12	6-20	.12	6-15	.21		
1940	6-8	1.15	6-8	.28	6-8	.28	6-8	.28	6-8	.28	6-8	.28	6-8	.28	6-8	.28		
1941	6-8	1.41	6-8	.37	6-8	.55	6-8	.64	6-8	.85	6-8	.90	6-8	.90	6-2	1.16		
1942	8-7	2.89	8-7	.71	6-20	.75	9-2	.76	9-2	.94	9-2	.94	9-2	.94	9-2	.96		
1943	6-10	e 2.78	6-10	e .66	6-10	e .66	6-10	e .66	6-10	e .90	6-10	e .90	6-10	e 1.11	6-10	e 1.84		
1944	6-17	3.50	5-11	.56	5-11	.99	5-11	.99	8-25	e 1.10	8-25	e 1.10	8-25	e 1.10	8-23	e 1.87		
1945	6-5	3.36	6-5	.68	6-5	.69	6-5	.69	6-5	.69	6-5	.69	6-5	.69	6-5	.69		
1946	8-7	4.94	8-7	.76	9-5	1.06	9-5	1.06	9-5	1.17	9-5	1.17	9-5	1.75	9-5	1.90		
1947	6-17	1.85	6-17	.68	6-12	.94	6-11	.97	6-11	.97	6-11	.97	6-11	.97	6-11	1.75		
1948	7-18	3.44	7-18	.58	7-18	.59	7-18	.59	7-18	.59	7-18	.59	7-18	.59	7-18	.59		
1949	5-5	3.03	5-5	.86	6-8	1.20	6-8	1.21	6-8	1.21	6-8	1.21	6-8	1.22	6-5	e 2.43		
1950	7-17	3.25	7-17	.50	9-19	2.21	9-19	2.47	9-19	2.47	9-19	2.47	9-19	2.47	9-15	2.48		
1951	7-10	4.47	7-10	1.83	6-1	2.94	6-1	3.23	6-1	3.23	6-1	3.23	6-1	3.23	6-1	3.88		
1952	7-14	3.33	7-14	1.43	7-13	1.92	7-13	1.92	7-13	1.92	7-13	1.92	7-13	1.92	7-6	2.06		
1953	6-7	e 2.22	6-7	e .99	6-7	e 1.10	6-7	e 1.10	6-7	e 1.10	6-7	e 1.10	6-7	e 1.10	6-7	e 1.10		
1954	5-22	4.42	5-22	1.21	5-22	1.93	5-22	2.09	5-22	2.09	5-22	2.09	5-22	2.09	5-22	2.61		

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: p - Station established in April 1939. e - Estimated or partially estimated.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 17-H				
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	8-11	1.67	6-15	.26	6-15	.26	6-20	.30	6-20	.30	6-20	.30	6-20	.30	6-20	.32	6-12	.64
1940	6-8	.11	6-8	.01	6-8	.01	6-8	.01	6-8	.01	6-8	.01	6-8	.01	6-8	.01	6-8	.01
1941	6-8	3.03	6-5	.45	6-5	.49	6-5	.50	6-8	.68	6-8	.68	6-8	.86	6-8	.93	6-2	1.54
1942	8-7	3.21	8-7	.80	8-7	.80	8-7	.80	8-7	.80	8-7	.80	8-7	.80	8-5	.95	8-5	.95
1943	6-14	4.41	6-10	.97	6-10	.97	6-10	.97	6-10	1.37	6-10	1.37	6-10	1.43	6-10	1.71	6-7	2.65
1944	5-27	4.68	5-27	1.17	5-27	1.20	5-27	1.20	5-27	1.20	5-27	1.20	5-27	1.21	5-27	1.21	8-23	1.80
1945	6-5	3.00	6-5	.49	6-5	.49	6-5	.49	6-5	.49	6-5	.49	6-5	.49	6-5	.49	6-5	.49
1946	8-7	5.63	8-7	.99	8-7	.99	8-7	.99	8-7	.99	8-7	.99	8-7	.99	9-5	1.51	9-5	1.69
1947	6-17	1.29	6-17	.45	6-17	.48	6-12	.76	6-11	.78	6-11	.78	6-11	.79	6-11	.79	6-11	1.27
1948	7-18	4.81	7-18	.80	7-18	.80	7-18	.80	7-18	.80	7-18	.80	7-18	.80	7-18	.80	7-18	.80
1949	10-9	2.31	10-9	.90	10-9	.95	6-8	1.14	10-9	1.31	10-9	1.31	10-9	1.31	6-7	1.50	6-5	1.94
1950	9-19	2.11	9-19	.80	9-19	1.11	9-19	2.55	9-19	2.92	9-19	2.92	9-19	2.92	9-19	2.92	9-19	2.92
1951	7-10	4.46	7-10	1.67	7-10	1.73	6-1	3.14	6-1	3.49	6-1	3.49	6-1	3.49	6-1	3.49	6-1	3.99
1952	7-14	2.70	7-14	.89	7-14	1.19	7-13	1.43	7-13	1.43	7-13	1.43	7-13	1.43	7-12	1.48	7-6	1.68
1953	6-7	1.51	6-7	.66	6-7	.74	6-7	.74	6-7	.74	6-7	.74	6-7	.74	6-7	.74	6-5	.74
1954	5-22	4.11	5-22	1.01	5-22	1.60	5-22	1.63	5-22	1.75	5-22	1.75	5-22	1.75	5-22	1.75	5-22	2.65

Notes: p - Station established in April 1939.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 18-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
p 1939	8-11	.81	8-11	.32	8-11	.32	8-11	.32	8-11	.32	8-11	.32	8-11	.32			
1940	5-17	.22	5-17	.13	5-17	.14	5-17	.14	5-17	.14	5-17	.14	5-17	.14			
1941	6-5	1.11	6-5	.58	6-5	.68	6-5	.68	6-5	.69	6-5	.69	6-2	1.12			
1942	6-20	.90	6-20	.44	6-20	.48	6-20	.51	6-20	.51	6-20	.55	6-20	.91			
1943	6-14	1.16	6-14	.53	6-14	.64	6-14	.65	6-14	.65	6-14	.65	6-10	1.20			
1944	5-12	1.11	5-12	.61	5-11	.81	5-11	.87	5-11	.87	5-11	.87	8-23	.98			
1945	6-5	1.46	6-5	.67	6-5	.72	6-5	.72	6-5	.72	6-5	.72	6-5	.72			
1946	8-7	1.44	9-5	.52	9-5	.56	9-5	.58	9-5	.58	9-5	.63	9-5	.63			
1947	6-17	.64	6-12	.46	6-12	.65	6-12	.89	6-12	.89	6-12	.89	6-12	1.30			
1948	7-18	.17	7-18	.05	7-18	.05	7-18	.05	7-18	.05	7-18	.05	7-18	.05			
1949	10-9	1.21	6-8	.67	5-5	.81	6-8	.87	6-8	.87	6-7	.91	6-5	1.02			
1950	9-19	.68	9-19	.55	9-19	.87	9-19	1.31	9-19	1.34	9-19	1.34	9-15	1.37			
1951	6-1	1.49	6-1	1.10	6-1	1.91	6-1	2.58	6-1	2.60	6-1	2.60	6-1	2.68			
1952	7-14	1.88	7-14	1.07	7-14	1.35	7-14	1.40	7-14	1.40	7-14	1.40	7-14	1.40			
1953	6-7	.70	6-7	.47	6-7	.57	6-7	.58	6-7	.58	6-7	.58	6-7	.58			
1954	5-22	1.94	5-22	.97	5-22	1.21	5-22	1.27	5-22	1.27	5-22	1.27	5-15	1.27			
p 1955	6-27	.09	6-27	.02	6-27	.02	6-27	.02	6-27	.02	6-27	.02	6-27	.02			

Notes: p - Station established in July 1939; discontinued in July 1955.
Quality of records: excellent.

Notes: p - Station established in July 1939; discontinued in July 1955.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA Watershed 19-H									
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1941	10-2	1.91	6-5	.48	6-5	.55	6-8	.66	6-8	.73	6-8	1.21	6-8	1.36	6-2	2.01			
1942	8-7	2.12	8-7	.54	9-2	.59	9-2	1.02	9-2	1.66	9-2	1.93	9-2	1.93	9-2	1.95			
1943	6-10	1.04	6-10	.37	6-10	.38	6-10	.38	6-10	.38	6-10	.45	6-10	.55	6-7	.82			
1944	5-27	4.31	5-27	.99	5-27	1.01	5-27	1.01	5-27	1.01	5-27	1.01	5-27	1.01	5-20	1.21			
1945	6-5	1.88	6-5	.31	6-5	.31	7-16	.38	7-16	.38	7-16	.38	7-16	.38	7-16	.38			
1946	8-7	2.83	9-5	.78	9-5	.80	9-5	1.07	9-5	1.07	9-5	1.19	9-5	1.65	9-5	1.69			
1947	6-17	.90	6-17	.39	6-12	.44	6-12	.79	6-12	.82	6-12	.82	6-12	.82	6-12	1.24			
1948	7-18	2.17	7-18	.48	7-18	.49	7-18	.49	7-18	.49	7-18	.49	7-18	.49	7-18	.49			
1949	10-10	3.73	10-9	.75	6-8	.90	6-8	1.40	6-8	1.41	6-8	1.43	6-7	1.91	6-5	2.23			
1950	9-19	2.09	9-19	.91	9-19	1.60	9-19	2.31	9-19	2.36	9-19	2.36	9-19	2.36	9-19	2.36			
1951	7-10	4.14	7-10	1.62	7-10	1.70	6-1	2.25	6-1	2.99	6-1	2.99	6-1	2.99	6-1	3.59			
1952	6-26	4.91	7-14	1.15	7-13	1.35	7-13	1.70	7-13	1.70	7-13	1.70	7-12	1.72	7-6	1.97			
1953	6-7	1.29	6-7	.67	6-7	.76	6-7	.76	6-7	.76	6-7	.76	6-7	.76	6-7	.76			
1954	5-22	2.09	5-22	.76	5-22	1.19	5-22	1.21	5-22	1.33	5-22	1.33	5-22	1.33	5-15	1.52			

Notes: p - Station established March 31, 1941.
Quality of records: excellent.

Notes: p - Station established March 31, 1941.
Quality of records: excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 20-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1941	6-5	1.31	6-5	.50	6-5	.56	6-5	.57	6-5	.64	6-5	.64	6-2	1.75			
1942	8-7	2.74	8-7	e .56	9-2	.76	9-2	e 1.21	9-2	e 1.97	9-2	e 2.25	9-2	e 2.41			
1943	6-10	2.57	6-10	.73	6-10	.74	6-10	.74	6-10	.89	6-10	1.11	6-7	e 1.72			
1944	5-27	3.94	5-27	.96	5-27	e .99	5-27	e .99	5-27	e .99	5-27	e .99	5-20	e 1.21			
1945	7-16	2.06	7-16	e .49	7-16	e .49	7-16	e .77	7-16	e .77	7-16	e .77	7-16	e .77			
1946	9-5	1.93	9-5	.75	9-5	.76	9-5	.77	9-5	.77	9-5	1.70	9-5	1.83			
1947	6-12	1.43	6-17	.49	6-12	.56	6-12	.84	6-11	.89	6-11	.89	6-11	1.41			
1948	6-26	1.00	6-26	.26	6-26	.32	6-26	.36	6-26	.36	6-26	.36	6-21	.50			
1949	5-5	1.96	5-5	.65	6-8	.68	6-8	1.24	6-8	1.26	6-8	1.70	6-5	1.87			
1950	7-17	1.63	9-19	.74	9-19	1.29	9-19	1.85	9-19	1.93	9-19	1.93	9-19	1.93			
1951	7-10	4.31	7-10	1.42	7-10	1.46	7-10	1.48	7-10	1.56	7-10	2.46	7-10	3.06			
1952	7-14	2.79	7-14	1.44	7-13	1.41	7-13	1.53	7-13	1.53	7-13	1.53	7-13	1.61			
1953	6-7	.66	6-7	.42	6-7	.47	6-7	.47	6-7	.47	6-7	.47	6-7	.47			
1954	5-22	4.58	5-22	.95	5-22	1.07	5-22	1.07	5-22	1.07	5-22	1.07	5-22	1.07			

Notes: e - Partially estimated. p - Station established March 31, 1941.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: e - Partially estimated. p - Station established March 31, 1941.

Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 21-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
p 1941	6-8	1.58	6-5	.50	6-21	.65	6-21	.74	6-21	.74	6-8	1.36	6-8	1.36	6-2	2.06	
1942	8-7	2.57	8-7	.54	8-7	e .54	6-20	.57	6-20	.57	6-20	.57	6-20	.61	6-20	1.29	
1943	6-10	2.04	6-10	.52	6-10	.53	6-10	.53	6-10	.58	6-10	.62	6-10	.69	6-10	1.07	
1944	5-27	2.17	5-27	.44	5-27	e .46	8-25	e .66	8-25	e .66	8-25	e .66	8-25	e .66	8-25	e 1.02	
1945	6-5	3.17	6-5	.59	6-5	e .60	6-5	e .60	6-15	e .70	6-15	e .70	6-15	e .70	6-15	e .70	
1946	9-5	1.40	9-5	.65	9-5	.66	9-5	.78	9-5	.78	9-5	.83	9-5	1.26	9-5	1.30	
1947	6-17	1.24	6-17	.30	6-17	.35	6-12	.56	6-12	.57	6-12	.57	6-12	.57	6-12	.92	
1948	7-18	e 2.49	7-18	e .51	7-18	e .52	7-18	e .52	7-18	e .52	7-18	e .52	7-18	e .52	7-18	e .52	
1949	5-5	4.00	5-5	.92	5-5	.98	6-8	1.44	6-8	1.45	6-8	1.47	6-6	2.09	6-5	2.95	
1950	7-17	2.44	9-19	.82	9-19	1.36	9-19	2.11	9-19	2.28	9-19	2.28	9-19	2.28	9-19	2.28	
1951	6-1	2.64	7-10	1.55	7-10	1.58	7-10	1.59	7-10	1.64	7-10	2.40	7-10	2.97	7-10	3.11	
1952	7-14	3.80	7-14	1.61	7-14	2.01	7-13	2.15	7-13	2.15	7-13	2.15	7-13	2.15	7-13	2.29	
1953	6-7	e 1.58	6-7	e .80	6-7	e .90	6-7	e .91	6-7	e .91	6-7	e .91	6-7	e .91	6-7	e .91	
1954	5-22	3.45	5-22	1.02	5-22	1.42	5-22	1.44	5-22	1.53	5-22	1.53	5-22	1.53	5-22	1.54	

Notes: e - Estimated or partially estimated. p - Station established in March 31, 1941.
Quality of records: excellent except for those that are estimated or partially estimated which are fair.

Notes: e - Estimated or partially estimated. p - Station established in March 31, 1941.
 Quality of records: excellent except for those that are estimated or partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

HASTINGS, NEBRASKA Watershed 22-H

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1941	6-8	1.13	6-5	.49	6-5	.63	6-5	.64	6-5	.64	6-5	.71	6-5	.71	6-2	1.64
1942	6-5	2.56	6-5	.87	6-5	.88	6-5	.88	6-5	.88	6-5	.88	6-5	.88	6-20	1.09
1943	6-10	1.28	6-10	.46	6-10	.47	6-10	.47	6-10	.50	6-10	.54	6-10	.59	6-10	1.02
1944	8-25	.68	8-25	.43	8-25	.53	8-25	.72	8-25	.76	8-25	.76	8-25	.76	8-23	1.03
1945	6-5	1.13	6-5	.52	6-5	.54	6-5	.54	6-5	.54	6-5	.54	6-5	.54	6-5	.54
1946	8-7	1.18	9-5	.38	9-5	.40	9-5	.45	9-5	.45	9-5	.46	9-5	.84	9-5	.86
1947	6-17	1.50	6-17	.43	6-12	.56	6-12	.78	6-11	.79	6-11	.79	6-11	.79	6-12	1.26
1948	7-18	2.18	7-18	.47	7-18	.48	7-18	.48	7-18	.48	7-18	.48	7-18	.48	7-18	.48
1949	5-5	3.18	5-5	.85	5-5	.90	6-8	1.38	6-8	1.39	6-8	1.39	6-7	1.87	6-5	2.65
1950	9-19	1.78	9-19	.72	9-19	1.06	9-19	1.99	9-19	2.13	9-19	2.13	9-19	2.13	9-15	2.14
1951	7-10	2.81	7-10	1.46	7-10	1.54	6-1	2.94	6-1	3.22	6-1	3.22	6-1	3.22	6-1	3.80
1952	7-14	3.18	7-14	1.43	7-14	1.84	7-13	2.16	7-13	2.16	7-13	2.16	7-12	2.16	7-12	2.23
1953	6-7	1.57	6-7	.81	6-7	.94	6-7	.95	6-7	.95	6-7	.95	6-7	.95	6-7	.95
1954	5-22	3.31	5-22	1.17	5-22	1.53	5-22	1.55	5-22	1.62	5-22	1.62	5-22	1.62	5-22	1.85

Notes: Quality of records: excellent. p - Station established March 31, 1941.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										HASTINGS, NEBRASKA				Watershed 23-H			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1941	6-8	1.68	6-5	.51	6-5	.66	6-5	.68	6-5	.76	6-8	1.14	6-2	2.08			
1942	6-5	6.47	6-5	1.75	6-5	1.76	6-5	1.76	6-5	1.76	6-5	1.76	9-2	2.43			
1943	6-10	2.76	6-10	.76	6-10	.77	6-10	.77	6-10	.99	6-10	1.15	6-7	1.92			
1944	5-27	2.36	5-27	.81	5-27	.87	5-27	.88	5-27	.88	5-27	.94	4-18	1.19			
1945	6-5	.88	6-5	.29	7-16	.30	7-16	.51	7-16	.51	7-16	.51	7-8	.52			
1946	8-7	2.03	8-7	.30	9-7	.38	9-7	.51	9-7	.61	9-5	.67	9-5	.87			
1947	6-12	1.61	6-12	.61	6-12	.72	6-12	.90	6-11	.96	6-11	.96	6-11	1.46			
1948	7-18	3.08	7-18	.62	7-18	.63	7-18	.63	7-18	.63	7-18	.63	7-18	.53			
1949	5-5	3.00	5-5	.91	6-8	1.14	6-8	1.45	6-8	1.45	6-7	2.02	6-5	2.93			
1950	6-16	3.13	9-19	e .73	9-19	e1.26	9-19	e1.81	9-19	e1.89	9-19	e1.90	9-19	e1.90			
1951	6-1	2.83	6-1	1.47	6-1	2.22	6-1	2.46	6-1	2.74	6-1	2.74	6-1	3.44			
1952	7-14	2.91	7-14	1.32	7-13	1.74	7-13	2.05	7-13	2.05	7-12	2.05	7-6	2.35			
1953	6-7	1.45	6-7	.88	6-7	.97	6-7	.97	6-7	.97	6-7	.97	6-5	.98			
1954	5-22	4.79	5-22	1.25	5-22	1.44	5-22	1.44	5-22	1.55	5-22	1.55	5-22	1.90			

Notes: e - Estimated or partially estimated. p - Station established March 31, 1941.
Quality of records: excellent except for those that are partially estimated which are fair.

0-21

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				HASTINGS, NEBRASKA				Watershed 24-H						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1941	6-8	2.14	6-5	.57	6-5	.72	6-5	.74	6-8	.75	6-8	1.13	6-2	2.29
1942	6-5	2.28	6-5	.76	6-5	.77	6-5	.77	9-2	.99	9-2	1.10	9-2	1.53
1943	6-14	1.83	6-14	.54	6-14	.56	6-14	.56	6-14	.56	6-10	.64	6-10	1.20
1944	5-27	2.12	5-27	.78	5-27	.80	5-27	.80	5-27	.80	5-27	.85	5-25	1.05
1945	6-5	1.36	6-5	.31	6-5	.31	6-5	.31	6-5	.31	6-5	.31	6-5	.31
1946	8-7	2.36	8-7	.55	8-7	.55	8-7	.55	8-7	.55	9-5	.96	9-5	1.07
1947	6-11	e .90	6-12	e .43	6-12	e .48	6-12	e .78	6-12	e .80	6-12	e .80	6-12	e .80
1948	7-18	1.46	7-18	.17	7-18	.17	7-18	.17	7-18	.17	7-18	.17	7-18	.17
1949	10-9	2.28	10-9	.95	6-8	1.03	6-8	1.18	10-9	1.40	10-9	1.40	6-5	1.67
1950	9-19	3.30	9-19	.90	9-19	1.41	9-19	2.52	9-19	2.56	9-19	2.56	9-15	2.57
1951	6-1	2.66	6-1	1.32	6-1	1.93	6-1	3.24	6-1	3.62	6-1	3.62	6-1	4.32
1952	6-26	3.42	7-14	1.13	7-14	1.52	7-13	1.96	7-13	1.97	7-13	1.97	7-6	2.56
1953	6-7	.70	6-7	.37	6-7	.40	6-7	.40	6-7	.40	6-7	.40	6-7	.40
1954	5-22	3.44	5-22	.94	5-22	1.22	5-22	1.23	5-22	1.24	5-22	1.24	5-22	1.57

Notes: e - Estimated or partially estimated. p - Station established March 31, 1941.
Quality of records: excellent except for those that are partially estimated which are fair.

Notes: e - Estimated or partially estimated. p - Station established March 31, 1941.
 Quality of records: excellent except for those that are partially estimated which are fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				SAFFORD, ARIZONA Watershed W-I												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939*	10-7	0.24	10-7	0.14	10-7	0.22	10-7	0.31	10-7	0.37	10-7	0.57	10-7	0.57	10-7	0.57
1940**	6-29	.24	6-29	.19	6-29	.24	6-29	.25	6-29	.25	6-29	.25	6-29	.25	6-29	.26
1941	4-26	.09	9-28	.04	9-28	.06	9-28	.11	9-28	.11	9-28	.11	9-28	.11	9-28	.11
1942	9-11	.33	9-11	.24	9-11	.30	9-11	.32	9-11	.32	9-11	.32	9-11	.32	9-11	.48
1943	8-23	.72	8-23	.44	8-23	.50	8-23	.51	8-23	.51	8-23	.51	8-23	.51	8-23	.51
1944	9-5	.83	9-5	.61	9-5	.71	9-5	.73	9-5	.73	9-5	.73	9-5	.73	9-5	.73
1945	8-11	.35	8-11	.24	8-11	.29	8-11	.30	8-11	.30	8-11	.30	8-9	.32	8-3	.57
1946	8-30	.08	8-30	.06	8-30	.11	8-30	.16	8-30	.16	8-30	.16	8-30	.16	8-30	.16
1947	8-20	.09	8-20	.07	8-20	.08	8-20	.08	8-20	.08	8-20	.08	8-20	.08	8-20	.08
1948	8-6	.02	8-6	.01	8-6	.01	8-6	.02	8-6	.02	8-6	.02	8-6	.02	8-6	.02
1949	9-13	.05	9-13	.04	9-13	.06	9-13	.07	9-13	.07	9-13	.08	9-13	.08	9-13	.08
1950	7-7	.18	7-7	.07	7-7	.07	7-7	.07	7-7	.07	7-7	.07	7-7	.07	7-7	.07
1951	8-3	.03	8-3	.02	8-3	.02	8-3	.02	8-3	.02	8-3	.02	8-3	.02	8-3	.02
1952	7-6	.07	7-6	.04	7-6	.05	7-6	.05	7-6	.05	7-6	.05	7-6	.05	7-6	.05
1953	7-27	.47	7-27	.28	7-27	.29	7-27	.30	7-27	.30	7-27	.30	7-27	.30	7-27	.39
1954	8-22	.37	8-22	.25	8-22	.29	8-22	.30	8-22	.30	8-22	.32	8-22	.32	8-22	.41
1955	7-22	.05	7-22	.02	7-22	.03	7-22	.03	7-22	.03	7-22	.03	7-22	.03	7-22	.03

Notes: * Station not in operation Jan. through May and Dec. ** Station not in operation Jan through May. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				SAFFORD, ARIZONA Watershed W-II												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-2	e 1.38	8-2	e 0.56	8-2	e 0.61	8-2	e 0.61	8-2	e 0.61	8-2	e 0.61	8-2	e 0.61	8-2	e 0.61
1940*	7-26	1.01	7-26	.33	7-26	.34	7-26	.34	7-26	.34	7-26	.34	7-26	.34	7-26	.34
1941	9-28	1.45	9-28	.65	9-28	.68	9-28	.78	9-28	.81	9-28	.91	9-28	.91	9-28	.91
1942	8-7	.85	8-7	.19	8-7	.20	8-7	.20	8-7	.20	8-7	.20	8-7	.20	8-7	.20
1943	8-9	1.00	8-23	.52	8-23	.53	8-23	.53	8-23	.53	8-23	.53	8-23	.53	8-23	.76
1944	10-13	.30	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03
1945	8-10	.90	8-10	.23	8-10	.25	8-10	.25	8-10	.25	8-10	.25	8-9	.32	8-5	.33
1946	8-26	.88	8-26	.34	8-26	.36	8-26	.39	8-26	.39	8-26	.39	8-26	.39	8-26	.58
1947	10-12	.49	8-15	.17	8-15	.19	8-15	.19	8-15	.19	8-15	.19	8-15	.19	8-15	.19
1948	7-25	e 1.05	7-25	e .32	7-25	e .34	7-25	e .34	7-25	e .34	7-25	e .34	7-25	e .34	7-25	e .34
1949	7-10	1.06	7-10	.24	7-10	.25	7-10	.25	7-10	.25	7-10	.25	7-10	.32	7-10	.32
1950		0		0		0		0		0		0		0		0
1951	8-15	.14	8-1	.07	8-1	.07	8-1	.07	8-1	.07	8-1	.07	8-1	.07	8-14	.14
1952	8-17	.53	8-17	.18	8-17	.20	8-17	.20	8-17	.20	8-17	.20	8-17	.20	8-17	.23
1953	7-15	.14	7-15	.05	7-15	.05	7-15	.05	7-15	.05	7-15	.05	7-15	.06	7-15	.06
1954	7-22	.65	9-24	.11	9-24	.12	9-24	.12	9-24	.12	9-24	.12	7-20	.13	7-20	.14
1955	8-3	.13	8-3	.07	8-3	.09	8-3	.09	8-3	.09	8-3	.09	8-3	.09	7-29	.16

Notes: * Station not in operation Jan. through May. Quality of records - excellent. e - estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				SAFFORD, ARIZONA Watershed W-IV													
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1939*	9-6	0.11	9-6	0.04	9-6	0.04	9-6	0.04	9-6	0.04	9-6	0.04	9-6	0.04	9-6	0.04	
1940**	9-5	.16	9-5	.11	9-5	.16	9-5	.17	9-5	.22	9-5	.22	9-5	.22	9-5	.22	
1941*	8-16	.16	8-16	.11	8-16	.16	8-16	.16	8-16	.16	8-16	.16	8-16	.16	8-14	.18	
1942	9-19	.23	9-19	.18	9-19	.26	9-19	.31	9-19	.31	9-19	.31	9-19	.31	9-13	.36	
1943	8-18	.24	8-18	.15	8-18	.18	8-18	.19	8-18	.19	8-18	.19	8-18	.19	8-12	.23	
1944	9-24	.24	9-24	.15	9-24	.18	9-24	.18	9-24	.18	9-24	.18	9-23	.19	9-23	.19	
1945	7-31	.15	7-31	.04	7-31	.04	7-31	.04	7-31	.04	7-31	.04	7-31	.04	7-31	.05	
1946	8-3	.15	8-3	.13	8-3	.14	8-3	.14	8-3	.14	8-3	.14	8-3	.14	7-29	.16	
1947	6-16	.13	6-18	.10	6-18	.12	6-18	.12	6-18	.13	6-18	.13	6-18	.13	6-18	.13	
1948	6-1	.10	6-1	.01	6-1	.01	6-1	.01	6-1	.01	6-1	.01	6-1	.01	6-1	.01	
1949	7-22	.04	8-7	.03	8-7	.03	8-7	.03	8-7	.03	8-7	.03	8-7	.03	7-19	.04	
1950	6-22	.03	6-22	.01	6-22	.01	6-22	.01	6-22	.01	6-22	.01	6-22	.01	6-22	.01	
1951	8-2	.08	8-2	.06	8-2	.06	8-2	.06	8-2	.06	8-2	.06	8-2	.06	8-2	.08	
1952	8-16	.23	8-16	.08	8-16	.08	8-16	.08	8-16	.08	8-16	.08	8-16	.08	8-15	.09	
1953	7-17	.04	7-17	.01	7-17	.02	7-17	.02	7-17	.02	7-17	.02	7-17	.02	7-17	.02	
1954	7-22	.08	9-12	.04	9-12	.05	9-12	.08	9-12	.08	8-21	.09	8-21	.09	8-21	.09	
1955	7-28	.10	7-28	.04	7-28	.05	7-28	.05	7-28	.05	7-28	.05	7-28	.05	7-28	.05	

Notes: * Station not in operation Jan. through June. ** Record includes only June through Sept. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

SAFFORD, ARIZONA Watershed W-V

YEAR	MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939	8-6	0.16	8-6	0.06	8-6	0.08	8-6	0.08	8-6	0.08	8-6	0.08	8-6	0.08
1940*	8-13	.05	8-13	.02	8-13	.02	8-13	.02	8-13	.02	8-13	.02	8-13	.02
1941**	9-28	.12	9-28	.05	9-28	.08	9-28	.09	9-28	.09	9-28	.09	9-28	.09
1942	7-30	.11	8-1	.04	8-1	.04	8-1	.04	8-1	.04	8-1	.04	7-30	.08
1943	8-23	.32	8-23	.12	8-23	.15	8-23	.15	8-23	.15	8-23	.15	8-23	.15
1944	8-16	.35	8-16	.13	8-16	.13	8-16	.13	8-16	.13	8-16	.13	8-16	.13
1945	9-8	.29	9-8	.11	9-8	.11	9-8	.11	9-8	.11	9-8	.11	9-8	.11
1946	8-18	.06	8-3	.01	8-3	.02	8-3	.04	8-3	.04	8-3	.04	8-15	.04
1947	8-30	.06	8-30	.02	8-30	.02	8-30	.02	8-30	.02	8-30	.02	8-30	.02
1948	7-24	.26	7-24	.06	7-24	.09	7-24	.09	7-24	.09	7-24	.09	7-24	.09
1949	8-8	.06	8-8	.03	8-8	.04	8-8	.05	8-8	.05	8-8	.05	8-8	.05
1950	7-28	.06	7-21	.01	7-21	.02	7-21	.04	7-21	.04	7-21	.04	7-21	.04
1951	10-30	.02	10-30	.03	10-30	.05	10-30	.06	10-30	.08	10-30	.08	10-30	.08
1952	8-11	.59	8-11	.25	8-11	.26	8-11	.26	8-11	.26	8-11	.26	8-11	.26
1953	7-31	.40	7-31	.17	7-31	.18	7-31	.18	7-31	.18	7-30	.19	7-30	.19
1954	9-5	.11	9-5	.04	9-5	.05	9-5	.05	9-5	.05	9-5	.05	9-5	.05
1955	7-22	.92	7-22	.36	7-22	.38	7-22	.38	7-22	.38	7-22	.38	7-22	.38

Notes: * Record includes only June through Sept. ** Station not in operation Jan. through June. Quality of records - excellent.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	Colorado Springs, Colorado Watershed W-1									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																							
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days											
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1938	8-10	3.17	8-10	.35	8-10	.35	8-10	.35	9-3	.47	9-3	.64	9-3	.64	8-31	.66										
1939	8-19	.51	8-19	.13	8-19	.17	8-19	.17	8-19	.17	8-19	.17	8-19	.17	8-19	.17										
1940	9-30	1.24	9-9	.22	9-9	.22	9-9	.22	9-9	.22	9-9	.22	9-9	.22	9-9	.30										
1941	8-22	2.19	8-26	.78	8-26	.82	8-26	.82	8-26	.82	8-26	.82	8-26	.82	8-20	e1.22										
1942	7-2	3.31	7-2	.36	7-2	.36	7-2	.36	7-2	.36	7-2	.36	7-2	.36	7-2	.57										
1943	7-22	1.61	7-22	.22	7-22	.22	7-22	.22	7-22	.22	7-22	.22	7-22	.22	7-17	.34										
1944	7-15	3.55	7-15	.70	7-15	.74	7-15	.74	7-15	.74	7-15	.74	7-15	.74	7-10	.79										
1945	8-5	4.15	8-25	.92	8-25	.93	8-25	.93	8-25	.93	8-25	.93	7-10	1.35	7-10	1.81										
1946	8-24	1.94	7-27	.63	7-27	.79	7-27	.79	7-27	.79	7-27	.79	7-27	.79	7-27	.79										

Notes: Station not in operation for following periods: Jan. thru Mar. 1938; Jan., Feb., Mar. and Dec. 1946. e-partially estimated. Quality of records - good except for those which are partially estimated which are poor.

Notes: Station not in operation for following periods: Jan. thru Mar. 1938; Jan., Feb., Mar. and Dec. 1946. e-partially estimated. Quality of records - good except for those which are partially estimated which are poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Colorado Springs, Colorado Watershed W-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	8-10	.11	8-10	.05	8-10	.06	8-10	.06	8-10	.06	8-10	.06	8-10	.06	8-10	.06			
1939	8-19	.02	8-19	.01	8-19	.01	8-19	.01	8-19	.01	8-19	.01	8-19	.01	8-19	.01			
1940	7-1	.13	9-30	.03	9-30	.04	9-30	.04	9-30	.04	9-30	.04	9-30	.04	9-30	.04			
1941	6-10	.12	6-10	.07	6-10	.08	6-10	.08	6-10	.08	6-10	.08	6-10	.08	6-10	.08			
1942	7-2	.09	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-2	.02	7-1	.03			
1943	7-22	.02	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01			
1944	7-15	.30	7-15	.14	7-15	.14	7-15	.14	7-15	.14	7-15	.14	7-15	.14	7-15	.14			
1945	8-5	1.12	7-10	.42	7-10	.43	7-10	.43	7-10	.43	7-10	.43	7-10	.43	7-10	.43			
1946	8-24	.47	8-24	.16	8-24	.18	8-24	.18	8-24	.18	8-24	.18	8-24	.18	8-24	.18			

Notes: Station not in operation for following periods: Jan. thru Mar. 1938; Jan., Feb., Mar., and Dec. 1946
Quality of records - good.

Notes: Station not in operation for following periods: Jan. thru Mar. 1938; Jan., Feb., Mar., and Dec. 1946
Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																				Colorado Springs, Colorado Watershed W-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																										
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days														
			Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.													
1938	9-12	.56	9-12	.36	9-12	.41	9-12	.44	9-12	.45	9-12	.45	9-12	.45	9-8	.49													
1939		T		T		T		T		T		T		T		T													
1940	7-21	1.06	7-21	.38	7-21	.39	7-21	.39	7-21	.39	7-21	.39	7-21	.39	7-21	.39													
1941	6-21	.85	6-21	.35	6-21	.45	8-26	.46	8-26	.46	8-26	.46	8-26	.46	8-21	.63													
1942	7-2	.06	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03	7-2	.03													
1943		0		0		0		0		0		0		0		0													
1944	7-15	.04	7-15	.01	7-15	.01	7-15	.01	7-15	.01	7-15	.01	7-15	.01	7-15	.01													
1945	7-10	1.32	7-10	.61	7-10	.62	7-10	.62	7-10	.62	7-10	.62	7-10	.62	7-10	.63													
1946	8-24	.04	8-24	.02	8-24	.02	8-24	.02	8-24	.02	8-24	.02	8-24	.02	8-24	.02													
																	Notes: Station not in operation for following periods: Jan. thru Mar. 1938, Jan., Feb., Mar. and Dec. 1946. T - trace. Quality of records - good.												

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

Colorado Springs, Colorado Watershed W-4

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1938	8-10	2.33	8-10	.67	8-10	.68	8-10	.68	8-10	.68	8-10	.68	8-10	.68	8-10	.68
1939	8-2	1.49	8-2	.34	8-2	.35	8-2	.35	8-2	.35	8-2	.35	8-2	.35	8-2	.35
1940	7-21	.18	7-21	.06	7-21	.06	7-21	.06	7-21	.06	7-21	.06	7-21	.06	7-15	.08
1941	8-26	.05	8-26	.02	8-26	.03	8-26	.03	8-26	.03	8-26	.03	8-26	.03	8-19	.04
1942	6-7	.13	6-7	.07	6-7	.09	6-7	.09	6-7	.09	6-7	.09	6-7	.09	6-7	.11
1943	8-17	.01	T	T	T	T	T	T	T	T	T	T	T	T	T	T
1944	5-30	.14	5-30	.08	5-30	.10	5-30	.11	5-30	.11	5-30	.11	5-30	.11	5-26	.17
1945	7-11	.24	8-13	.37	8-13	.38	8-13	.38	8-13	.38	8-13	.38	8-13	.38	8-8	.39
1946	7-15	.83	7-15	.19	7-15	.19	7-15	.19	7-15	.19	7-15	.19	7-15	.19	7-15	.19

Notes: Station not in operation for following periods: Jan. thru Mar. 1938; Jan., Feb., Mar. and Dec. 1946. T - trace.
Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ALBUQUERQUE, NEW MEXICO Watershed W-I									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939*	9-14	.47	9-14	0.25	9-14	0.25	9-14	0.25	9-14	0.25	9-14	0.25	9-14	0.25	9-14	0.25			
1940**	8-20	.50	8-20	.16	8-20	.16	8-20	.16	8-20	.16	8-20	.16	8-20	.16	8-20	.16			
1941	9-20	.58	9-20	.12	9-20	.12	9-28	.15	9-28	.15	9-28	.17	9-28	.17	9-28	.29			
1942	6-30	.79	6-30	.20	6-30	.20	6-30	.20	6-30	.20	6-30	.20	6-30	.20	6-30	.20			
1943	8-4	.27	6-28	.08	6-28	.10	6-28	.12	6-28	.12	6-28	.12	6-28	.12	6-28	.14			
1944	8-17	.33	8-17	.10	8-17	.10	8-17	.10	8-17	.10	8-17	.10	8-17	.10	8-17	.10			
1945		0		0		0		0		0		0		0		0			
1946	10-4	.72	10-4	.11	10-4	.11	10-4	.11	10-4	.11	10-4	.11	10-4	.11	10-4	.12			
1947	9-8	1.58	9-8	.46	9-8	.46	9-8	.46	9-8	.46	9-8	.46	9-8	.46	9-8	.77			
1948	8-4	.70	8-4	.16	8-4	.16	8-4	.33	8-4	.33	8-4	.33	8-4	.33	8-4	.33			
1949	7-23	.65	7-23	.17	7-23	.23	7-23	.24	7-23	.24	7-23	.24	7-21	.24	7-21	.24			
1950	8-15	.19	8-15	.05	8-15	.05	8-15	.05	8-15	.05	8-15	.05	8-15	.05	8-15	.05			
1951	8-27	.41	8-21	.08	8-21	.08	8-21	.08	8-21	.08	8-21	.08	8-21	.08	8-21	.15			
1952	7-23	.25	6-2	.09	6-2	.09	6-2	.09	6-2	.09	6-2	.09	6-2	.09	6-2	.09			
1953	7-30	.15	7-30	.04	7-30	.04	7-30	.04	7-30	.04	7-30	.04	7-30	.04	7-30	.04			
1954	8-10	1.08	9-11	.24	9-11	.24	9-11	.24	9-11	.24	9-11	.43	9-11	.43	9-11	.43			
1955	7-22	.64	7-22	.19	7-22	.20	7-22	.20	7-22	.20	7-22	.20	7-22	.20	7-16	.22			

Notes:** Record includes only Aug., Sept. and Oct. ** Station not in operation Jan. through April. Quality of records - excellent. e - estimated

Notes:** Record includes only Aug., Sept. and Oct. ** Station not in operation Jan. through April. Quality of records - excellent. e - estimated

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				ALBUQUERQUE, NEW MEXICO Watershed W-II												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1939*	9-14	0.47	9-14	0.27	9-14	0.27	9-14	0.28	9-14	0.28	9-14	0.28	9-14	0.28	9-10	0.30
1940**	8-20	.30	8-20	.12	8-20	.12	8-20	.12	8-20	.12	8-20	.12	8-20	.12	8-20	.13
1941	9-20	.56	9-20	.18	9-20	.18	9-20	.18	9-20	.18	9-20	.18	9-20	.18	9-20	.23
1942	6-30	.41	6-30	.15	6-30	.15	6-30	.15	6-30	.15	9-3	.16	9-3	.16	9-3	.16
1943	8-14	.32	9-14	.15	9-14	.15	9-14	.15	9-14	.15	9-14	.15	9-14	.15	9-14	.15
1944	10-16	1.24	10-16	.41	10-16	.42	10-16	.42	10-16	.42	10-16	.42	10-16	.42	10-16	.42
1945	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0
1946	10-4	.72	10-4	.22	10-4	.22	10-4	.22	10-4	.22	10-4	.22	10-4	.22	10-4	.22
1947	9-4	2.64	9-4	.51	9-4	.57	9-4	.57	9-4	.57	9-4	.57	9-4	.57	9-4	1.06
1948	8-4	.94	8-4	.29	8-4	.29	8-4	.48	8-4	.48	8-4	.48	8-4	.48	8-4	.48
1949	7-23	.29	7-23	.10	7-23	.10	7-23	.10	7-23	.10	7-23	.10	7-21	.11	7-21	.11
1950	7-15	1.28	7-15	.16	7-15	.16	7-15	.16	7-15	.16	7-15	.16	7-15	.16	7-15	.16
1951	8-21	.71	6-4	.20	6-4	.22	6-4	.22	6-4	.22	6-4	.22	6-4	.22	8-21	.26
1952	7-7	.59	7-7	.19	7-7	.19	7-7	.19	7-7	.19	7-7	.19	7-7	.19	7-7	.19
1953	8-12	1.97	8-12	.38	8-12	.38	8-12	.38	8-12	.38	8-11	.39	8-11	.39	8-11	.40
1954	7-21	1.10	7-21	.43	7-21	.44	7-21	.44	7-21	.44	7-21	.44	7-21	.44	7-17	.87
1955	8-19	.82	8-19	.32	8-19	.32	8-19	.32	8-19	.32	8-19	.32	8-19	.32	8-15	.60

Notes: * Includes only Aug., Sept. and Oct. ** Station not in operation Jan. through April. Quality of records: excellent. e - estimated.

Notes: * Includes only Aug., Sept. and Oct. ** Station not in operation Jan. through April. Quality of records: excellent. e - estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										ALBUQUERQUE, NEW MEXICO Watershed W-III										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939*	9-14	0.05	10-7	T	10-7	T	10-7	0.01	10-7	0.01	10-7	0.01	10-7	0.01	10-7	0.01	10-7	0.01		
1940**	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T		
1941	9-20	.03	9-20	0.01	9-20	0.01	10-3	.03	10-3	.03	10-3	.03	10-3	.03	10-3	.03	10-3	.03		
1942	9-4	.04	9-4	T	9-4	T	9-4	T	9-4	T	9-4	T	9-4	T	9-4	T	9-4	T		
1943	9-14	.02	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T	6-28	T		
1944	10-16	.16	10-16	.08	10-16	.08	10-16	.09	10-16	.09	10-16	.09	10-16	.09	10-16	.09	10-16	.09		
1945	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0	10-4	0		
1946	10-4	.10	10-4	.03	10-4	.03	10-4	.03	10-4	.03	10-4	.03	10-4	.03	10-4	.03	10-4	.03		
1947	9-4	.96	9-4	.50	9-4	.61	9-4	.62	9-4	.62	9-4	.62	9-4	.62	9-4	.62	9-4	.62		
1948	8-4	.19	8-4	.09	8-4	.11	8-4	.11	8-4	.11	8-4	.11	8-4	.11	8-4	.11	8-4	.11		
1949	7-23	.15	7-23	.04	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05	7-23	.05		
1950	7-15	.24	7-15	.11	7-15	.13	7-15	.13	7-15	.13	7-15	.13	7-15	.13	7-15	.13	7-15	.13		
1951	8-21	.36	8-21	.20	8-21	.22	8-21	.23	8-21	.23	8-21	.23	8-21	.23	8-21	.23	8-21	.23		
1952	7-7	.16	7-7	.12	7-7	.15	7-7	.16	7-7	.16	7-7	.16	7-7	.16	7-7	.16	7-7	.16		
1953	8-12	.12	8-12	.05	8-12	.05	8-12	.05	8-12	.05	8-12	.05	8-12	.05	8-12	.05	8-12	.05		
1954	7-23	.39	7-22	.22	7-22	.26	7-23	.26	7-23	.26	7-23	.26	7-22	.29	7-22	.29	7-22	.29		
1955	8-15	.41	8-15	.18	8-15	.21	8-15	.22	8-15	.22	8-15	.22	8-15	.22	8-15	.22	8-15	.22		

Notes: * Station not in operation Jan. through June and Dec. ** Station not in operation Jan. through March.
Quality of records - excellent. T - trace. e - partially estimated.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938*	8-9	0.16		NR		NR	8-9	0.10	8-9	0.10	8-9	0.10	8-9	0.10	8-9	0.10	8-9	0.11		
1939		0		0		0		0		0		0		0		0		0		
1940	9-22	.32	9-22	0.14	9-22	0.16	9-22	.16	9-22	.16	9-22	.16	9-21	.19	9-22	.19	9-22	.20		
1941	7-19	.17	10-3	.13	10-3	.23	10-3	.32	10-3	.32	10-3	.32	10-3	.32	10-3	.32	10-3	.32		
1942		0		0		0		0		0		0		0		0		0		

Notes: * Station not in operation Jan. through March. Quality of records - poor

Notes: * Station not in operation Jan. through March. Quality of records - poor

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1937	7-27	0.85		NR		NR		NR		NR	9-30	0.32	9-30	0.39	9-30	0.39			
1938	8-12	.69		NR		NR		8-12	0.20	8-12	8-12	.20	8-12	.20	8-12	.37			
1939	6-28	.30	7-28	0.09	7-28	0.10	7-28	.10	7-28	.10	7-28	.10	8-24	.16	8-24	.16			
1940	9-5	.18	9-5	.03	9-5	.04	9-5	.04	9-5	.04	9-5	.04	9-5	.04	9-5	.04			
1941		NR		NR		NR		NR		NR		NR		NR		NR			
1942		0		0		0		0		0		0		0		0			

Notes: Quality of records - poor.

Notes: Quality of records - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938*	8-12	0.69		NR		NR		NR	8-12	0.32	8-12	0.32		NR	9-11	0.32			
1939		NR		NR		NR		NR				NR		NR		NR			
1940	9-11	.10	9-30	0.05	9-30	0.08	9-30	0.09	9-30	.09	9-30	.09	9-28	0.16	9-28	.16			
1941	8-6	.63	10-13	.11	10-13	.18	10-13	.33	10-13	.34	10-13	.34	10-13	.34	9-29	.46			
1942		0		0		C		0		0		0		0		0			

Notes: *Station not in operation Jan. through April. Quality of records - poor

Notes: *Station not in operation Jan. through April. Quality of records - poor

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-6										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1937*	9-2	0.20		NR		NR		NR		NR	9-2	0.15	9-2	0.16	9-2	0.19				
1938	8-12	.18		NR		NR	8-12	0.24	8-12	0.24	8-12	.24	8-12	.25	8-12	.31				
1939		NR		NR		NR		NR		NR		NR		NR		NR				
1940	9-5	.05	9-11	0.03	9-11	0.05	9-11	.06	9-11	.06	9-11	.06	9-11	.06	9-5	.10				
1941	8-6	.22	10-13	.05	10-13	.07	10-13	.14	10-13	.14	10-13	.19	10-13	.22	8-6	.34				
1942		0		0		0		0		0		0		0		0				

Notes: * Station not in operation Jan. through May. Quality of records - poor.

Notes: * Station not in operation Jan. through May. Quality of records - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-7									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
1938	8-12	0.13		NR		NR		NR		NR	8-12	0.25	8-12	0.25	8-12	0.25			
1939	7-29	.04	7-28	0.03	7-28	0.03	7-28	0.03	7-28	0.03	7-28	0.03	7-28	0.06	7-28	0.07			
1940	9-30	.01		T	9-30	.01	9-30	.01	9-30	.01	9-30	.01	9-30	.01	9-28	.02			
1941		NR		NR		NR		NR		NR		NR		NR		NR			
1942		0		0		0		0		0		0		0		0			
Notes: Quality of records - poor																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-8										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1937	7-27	0.11		NR		NR		NR		NR	8-27	0.12	8-27	0.12	8-27	0.15				
1938	8-12	.10		NR		NR		NR	8-12	0.15	8-12	.15	8-12	.16	8-9	.20				
1939	8-24	.05			7-28	0.02	7-28	0.03	7-28	.03	7-28	.03	7-28	.04	7-28	.06				
1940	9-5	.04	9-11	.01	9-11	.02	9-11	.03	9-11	.03	9-11	.03	9-11	.03	9-5	.06				
1941	7-23	.22	7-23	.13	7-23	.15	7-23	.17	7-23	.18	7-23	.18	7-23	.18	8-9	.24				
1942		0		0		0		0		0		0		0		0				

Notes: Quality of records - poor

Notes: Quality of records - poor

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-10									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1937*	8-30	0.10		NR		NR		NR		NR	9-30	0.06	9-30	0.07	8-26	0.12			
1938	9-10	.10		NR		NR	9-10	0.07	9-10	0.07	9-10	.07	9-10	.07	9-7	.14			
1939	8-26	.27	8-26	0.18	8-26	0.22	8-26	.22	8-26	.22	8-26	.22	8-24	.30	8-22	.31			
1940	9-29	.04	9-29	.03	9-29	.04	9-29	.05	9-29	.06	9-28	.16	9-28	.16	9-21	.29			
1941		NR		NR		NR		NR		NR		NR		NR		NR			
1942		0.		0		0		0		0.		0		0		0			

Notes: *Station not in operation Jan. through May. Quality of records - poor.

Notes: *Station not in operation Jan. through May. Quality of records - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MEXICAN SPRINGS, NEW MEXICO Watershed W-11									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1937	7-27	0.03		NR		NR		NR		NR	9-30	0.07	9-30	0.07	9-30	0.07			
1938	8-12	.05		NR		NR		NR		NR	8-12	.07	8-12	.08	8-12	.08			
1939	8-26	.07	8-26	0.05	8-26	0.06	8-26	0.07	8-26	0.08	8-26	.08	8-26	.10	8-24	.10			
1940	9-22	.07	9-22	.04	9-22	.06	9-22	.06	9-22	.06	9-22	.07	9-22	.07	9-21	.10			
Notes: Quality of records - poor.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

MEXICAN SPRINGS, NEW MEXICO Watershed W-12

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1937	5-27	0.09		NR		NR		NR		NR	5-27	0.09	5-27	0.09	5-27	0.09				
1938	7-15	.11		NR		NR	6-28	0.08	6-28	0.08	6-28	.08	6-28	.08	6-21	.15				
1939	9-8	.04	9-8	0.02	9-8	0.02	.02	9-8	.02	.02	9-8	.02	9-8	.02	9-8	.02				

Notes: Quality of records - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

MEXICAN SPRINGS, NEW MEXICO Watershed W-13

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1937	9-4	0.33		NR		NR		NR		NR	9-4	0.19	9-4	0.19	9-4	0.33				
1938	6-28	.04		NR		NR		NR		NR	6-28	.05	6-28	.05	6-28	.05				

Notes: Quality of records - poor

[illegible]

Notes: Quality of records - poor

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM
VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

MEXICAN SPRINGS, NEW MEXICO Watershed W-15

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1937	9-4	0.16		NR		NR		NR		NR	9-4	0.16	9-3	0.17	8-27	0.28		
1938	6-28	.05		NR		NR		NR		NR	6-28	.10	6-28	.10	6-22	.13		
1939	9-10	.07	9-10	0.05	9-10	0.06	9-10	0.07	9-10	0.08	9-10	0.08	9-9	0.09	9-9	.09		

Notes: Quality of records - poor.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SANTA FE, NEW MEXICO Watershed W-I								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	8-27	0.20	8-27	0.03	8-27	0.03	8-27	0.03	8-27	0.03	8-27	0.03	8-27	0.03	8-27	0.03		
1940		T		T		T		T		T		T		T		T		
1941	6-24	.03	1-30	.01	1-30	.01	1-30	.02	1-30	.02	1-30	.02	1-30	.02	1-30	.03		
1942	9-10	.04	9-10	.03	9-10	.04	9-10	.04	9-10	.04	9-10	.04	9-10	.04	9-10	.04		
1943		0		0		0		0		0		0		0		0		
1944	8-18	.90	8-18	.48	8-18	.53	8-18	.53	8-18	.53	8-18	.53	8-18	.53	8-18	.53		
1945	7-25	1.27	7-25	.34	7-25	.34	7-25	.34	7-25	.34	7-25	.34	7-25	.34	7-25	.36		
1946	7-13	.14	7-13	.05	7-13	.05	7-13	.05	7-13	.05	7-13	.05	7-13	.05	7-13	.05		
1947	8-25	1.04	8-24	.37	8-25	.38	8-25	.38	8-25	.38	8-25	.38	8-25	.38	8-25	.38		
1948	8-5	.36	8-5	.16	8-5	.17	8-4	.18	8-4	.18	8-4	.18	8-4	.18	8-4	.18		

Notes: Station not in operation Jan. through June and Dec. 1939. T - trace. Quality of records - good.

Notes: Station not in operation Jan. through June and Dec. 1939. T - trace. Quality of records - good.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1940		T		T		T		T		T		T		T		T
1941		T		T		T		T		T		T		T		T
1942		T		T		T		T		T		T		T		T
1943	7-18	0.02	7-18	0.01	7-18	0.01	7-18	0.01	7-18	0.01	7-18	0.01	7-18	.01	7-18	0.01
1944	8-18	.15	7-5	.12	7-5	.20	7-5	.24	7-5	.24	7-5	.24	7-4	.38	7-4	.38
1945	2-2	.01	2-2	T	2-2	.01	2-2	.03	2-2	.04	2-2	.04	2-2	.06	2-2	.06
1946	8-9	.04	8-9	.03	8-9	.03	8-9	.03	8-9	.03	8-9	.03	8-9	.03	8-9	.03
1947	8-15	.09	9-9	.06	9-9	.07	9-9	.08	9-9	.08	9-9	.08	9-9	.08	9-9	.08
1948	2-20	.01		T		T		T		T		T	2-20	.02	2-20	.06

Notes: Station not in operation Jan. through June and Dec. 1939. T - trace. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										SANTA FE, NEW MEXICO Watershed W-III									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1939		NR		NR		NR		NR		NR		NR		NR		NR			
1940	9-20	1.00	9-20	0.12	9-20	0.12	9-20	0.12	9-20	0.12	9-20	0.12	9-20	0.12	9-20	0.12			
1941	7-4	.48	7-4	.08	7-4	.08	7-4	.08	7-4	.08	7-4	.08	7-4	.08	7-4	.08			
1942	9-11	.40	9-11	.04	9-11	.04	9-11	.04	9-11	.04	9-11	.07	9-11	.07	9-11	.07			
1943	8-4	.65	8-4	.15	8-4	.15	8-4	.15	8-4	.15	8-4	.15	8-4	.15	8-4	.15			
1944	9-17	1.22	9-17	.20	9-17	.20	9-17	.20	9-17	.20	9-17	.20	9-17	.20	9-17	.20			
1945	8-9	.48	8-9	.13	8-9	.13	8-9	.13	8-9	.13	8-9	.13	8-8	.17	8-8	.17			
1946	8-13	.44	8-13	.13	8-13	.13	8-13	.13	8-13	.13	8-13	.13	8-13	.13	8-13	.13			
1947	8-8	.96	8-8	.31	8-8	.31	8-8	.31	8-8	.31	8-8	.31	8-8	.31	8-8	.31			
1948	5-19	1.12	5-19	.13	5-19	.13	5-19	.13	5-19	.13	5-19	.13	5-19	.13	5-19	.13			
Notes: Quality of records - poor.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	Placerville, Calif. Watershed W-1									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																							
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days											
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1936	4-3	0.11	4-3	0.06	4-3	0.11	4-3	0.26	4-3	0.48	4-3	0.55	4-3	0.66	3-30	1.03										
1937	2-14	.64	2-14	.39	2-14	.56	2-14	.86	2-4	1.47	2-4	1.57	3-21	2.07	3-17	3.20										
1938	2-28	.64	2-2	.37	2-2	.54	2-2	1.00	2-2	1.21	2-10	1.79	2-10	2.30	2-9	4.17										
1939	1-5	.08	1-5	.06	1-5	.10	1-5	.11	1-5	.11	1-5	.11	1-5	.11	1-5	.11										
1940	1-11	.64	1-11	.31	1-11	.44	2-27	.79	2-27	1.13	2-26	1.94	2-26	2.60	2-22	4.09										
1941	1-5	.18	1-5	.15	1-5	.24	4-4	.41	4-4	.59	4-4	.64	3-1	.73	3-1	1.64										
1942	1-27	.89	1-27	.49	1-27	.68	1-27	1.42	1-27	1.62	1-27	1.71	1-27	2.17	1-24	3.80										
1943	3-9	1.13	3-9	.56	3-9	.71	1-21	1.02	1-21	1.58	3-9	2.12	3-8	3.81	3-5	5.24										
al944	2-29	.35	2-29	.29	2-29	.42	2-29	.53	2-28	.64	2-28	1.07	2-28	1.49	2-28	1.58										
Notes: a - Part-year record. Station discontinued March 1944. Quality of records - fair.																										

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																		Santa Paula, Calif. Watershed W-1							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																						
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days										
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.									
1938	12-20	0.02																							
1939	12-20	.02																							
1940	12-23	.01																							
1941	3-31	.03																							
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																									
Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued Jan. 1942. quality of records - fair.																									

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Santa Paula, Calif. Watershed W-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	12-14	0.03																	
1939	2-2	.01																	
1940	12-18	.34																	
1941	2-28	.31																	
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																			

Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued Jan. 1942. Quality of records - fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Santa Paula, Calif. Watershed W-4									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	12-20	0.46																	
1939	1-30	.06																	
1940	12-18	.94																	
1941	2-28	.73																	
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																			

Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued Jan. 1942. Quality of records - fair.

Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued Jan. 1942. Quality of records - fair.

[illegible]

Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued Jan. 1942. Quality of record - fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	Santa Paula, Calif. Watershed W-6							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																					
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days									
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.								
a1938	12-20	0.02																						
1939		b																						
1940	12-23	.04																						
1941	3-3	1.02																						
1942		b																						
a1943	1-20	1.22																						
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																								

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Santa Paula, Calif. Honda at Berylwood										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1934	11-19	0.03																		
1935	1-5	.17																		
1936	12-30	.04																		
1937	1-30	.05																		
1938	12-20	.06																		
1939	1-30	.01																		
1940	12-18	.98																		
1941	2-28	.39																		
Notes: a - Part-year record. Station placed in operation Sept. 1934. Quality of records - fair.																				

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																		Santa Paula, Calif. Milligan and Los Angeles Ave.							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																						
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days										
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.									
1934	12-14	0.03																							
1935	1-5	.12																							
1936	2-18	.02																							
1937	No record																								
1938	No record																								
1939	1-30	.02																							
1940	2-1	.02																							
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																									
Notes: a - Part-year record. Station placed in operation Sept. 1934. Quality of records - fair.																									

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Santa Paula, Calif Honda at Perkins Rd.									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1934	12-13	0.01																	
1935	1-5	.18																	
1936	12-30	.10																	
1937	2-13	.08																	
1938	2-11	.53																	
1939	1-30	.02																	
1940	12-18	e .55																	
1941	2-28	.28																	
1942	3-14	.08																	
1943	1-23	.28																	
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																			

Notes: a - Part-year record. Station placed in operation Sept. 1934. e - Estimated from high water mark. Quality of records - fair.

Notes: a - Part-year record. Station placed in operation Sept. 1934. e - Estimated from high water mark.
Quality of records - fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS

Santa Paula, Calif. Colorado & Honda at Beardsley Rd.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL											
			1 hour		2 hours		6 hours		12 hours		1 day		2 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1934	11-19	0.01												
1935	1-5	.16												
1936	2-12	.02												
1937	No record													
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.														

Notes: a - Part-year record. Station placed in operation Sept. 1934. Quality of records - fair.



ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Sebastopol, Calif. Watershed W-1							
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
1937	2-4	0.32	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	3-6	.67	2-4	0.28	2-4	0.55	2-4	1.42	2-4	1.89	2-4	2.36	2-4	2.65	2-1	2.91	
1939	1-4	.06	3-6	.22	3-6	.30	3-6	.61	2-10	1.05	3-6	1.24	2-12	1.90	2-8	5.07	
1940	2-17	.42	1-4	.03	1-4	.03	1-29	.07	1-29	.11	1-29	.15	1-29	.18	1-29	.18	
1941	1-13	.97	2-17	.27	2-26	.51	2-26	1.24	2-26	1.89	2-26	2.72	2-26	3.59	2-25	5.57	
1942	2-5	.56	1-12	.57	1-13	.76	4-4	1.35	4-4	1.73	4-4	2.05	4-3	2.43	1-9	4.03	
al1943	1-20	.30	2-5	.36	2-5	.54	2-5	1.40	2-5	1.93	2-5	3.47	2-4	4.14	2-1	7.00	
			1-20	.24	1-20	.44	1-20	.89	1-20	1.44	1-20	2.28	1-20	3.28	1-20	4.35	

Notes: a - Part-year record. Station discontinued July 1943. Quality of records - fair.

Sebastopol, Calif. Watershed W-2																
ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
1936	2-11	0.74	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1937	2-4	.43	2-4	.34	2-4	.68	2-11	1.02	2-11	1.11	2-11	1.77	2-11	2.36	2-17	4.35
1938	2-13	.41	1-31	.18	2-2	.32	2-13	.49	2-13	.83	2-13	.97	2-12	1.33	2-8	3.65
1939	1-4	.14	1-4	.07	1-4	.09	1-4	.11	1-4	.11	1-4	.11	1-4	.11	1-4	.11
1940	2-3	.53	2-3	.34	2-3	.45	2-26	1.04	1-25	1.46	2-26	2.06	2-26	3.35	2-25	4.51
Notes: a - Part-year record. Station discontinued April 1940. Quality of record - fair.																

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												Vacaville, Calif. Watershed W-1			
YEAR	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1936	12-26	0.54	12-26	0.19	12-26	0.23	2-1	0.25	2-1	0.25	2-1	0.25	2-1	0.25	12-26	0.37			
1937	3-21	.74	2-4	.45	2-13	.87	2-13	2.08	2-13	2.97	2-13	3.02	2-13	3.02	2-6	3.23			
1938	2-13	.60	2-13	.23	2-13	.39	2-13	.79	2-13	1.10	2-13	1.34	2-12	1.51	2-8	3.35			
1939	1-20	.01	1-4	.01	1-4	.01	1-4	.01	1-4	.01	1-4	.01	1-4	.02	1-4	.02			
1940	2-27	.52	2-27	.38	2-26	.75	2-26	1.31	2-26	2.39	2-26	3.64	2-26	3.85	2-25	4.26			
1941	1-13	.53	1-13	.25	2-10	.36	2-10	.78	2-10	1.01	2-8	1.28	2-8	2.47	2-4	3.81			
1942	1-25	.37	1-24	.36	1-24	.53	1-24	.81	2-4	1.37	2-4	1.83	2-4	2.03	1-31	2.76			
Notes: a - Part-year record. Station placed in operation Dec. 1936; discontinued June 1942. Quality of records - fair.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																	Watsonville, Calif. Watershed W-1									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																							
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days											
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
a1938		b																								
1939	1-3	0.40	SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																							
1940	2-28	1.79																								
1941	3-1	.34																								
Notes: a - Part-year record. Station placed in operation Sept. 1938. b - Maximum rate less than 0.005 in./hr. Quality of records - fair.																										

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Watsonville, Calif. Watershed W-2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1938	11-29	0.13																	
1939	1-5	.39																	
1940	12-24	.71																	
1941	1-5	.32																	
SEDIMENT DEPOSITION AT GAGING STATION PREVENTED ACCURATE DETERMINATION OF VOLUMES OF RUNOFF.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Watsonville, Calif. Watershed W-3									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a1938		b		c		c		c		c		c		c		c			
1939	3-8	0.02	3-9	0.01	3-9	0.02	3-9	0.05	3-8	0.09	3-8	0.12	3-8	0.13	3-8	0.17			
1940	2-28	.64	2-27	.25	2-27	.42	2-27	.84	2-27	1.16	2-27	1.72	2-27	2.54	2-25	3.99			
1941	2-9	.52	2-9	.45	2-9	.75	2-9	1.71	2-9	2.53	2-8	3.18	2-8	3.77	2-8	5.52			
a1942	1-24	.22	1-24	.19	1-24	.26	1-24	.72	1-24	1.12	1-24	1.44	1-24	1.89	1-27	3.38			
Notes: a - Part-year record. Station placed in operation Oct. 1938; discontinued April 1942. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - fair.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Watsonville, Calif. Watershed W-4						
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
a1938		b		c		c		c		c		c		c		c
1939		b		c		c		c		c		c		c		c
1940	2-28	0.06	2-27	0.05	2-27	0.10	2-27	0.30	2-27	0.54	2-27	0.90	2-27	1.35	2-25	2.40
1941	2-9	.14	2-9	.14	2-9	.28	2-9	.73	2-9	1.27	2-9	1.88	2-9	2.44	2-9	3.81
a1942	2-6	.04	2-5	.03	2-5	.08	2-5	.39	6-5	.47	2-5	.81	2-3	1.34	2-3	2.51

Notes: a - Part-year record. Station placed in operation in Oct. 1938; discontinued May 1942. 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - fair.

b - Rate less than

Notes: a - Part-year record. Station placed in operation in Oct. 1938; discontinued May 1942. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - fair.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										EMMETT, IDAHO Watershed W-1								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	Station placed in operation Aug. 25.				No runoff Aug. 25 - Dec. 31.													
1939	3-20	0.01	3-20	0.01	3-20	0.03	3-20	0.08	3-20	0.16	3-19	0.30	3-18	0.39	3-14	0.88		
1940	3-26	.06	3-26	.05	3-26	.09	3-26	.16	3-26	.24	3-26	.32	3-30	.51	3-26	1.29		
1941	2-11	.03	2-11	.02	2-11	.03	2-11	.08	2-11	.12	2-10	.18	2-10	.27	2-7	.55		
Notes: Quality of record: Good.																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										EMMETT, IDAHO Watershed W-2																		
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL												1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.														
1938	3-20	b		c	3-20	0.01	3-18	0.02	11-3	0.01	11-3	0.01	11-3	0.01	11-3	0.01	11-3	0.02	11-3	0.03	10-30	0.03						
1939	3-20	0.01		0.01	3-20	0.01	3-18	0.02	3-19	0.05	3-19	0.07	3-18	.13	3-18	.26	3-17	.87										
1940	4-1	.01		.01	4-1	.01	4-1	.02	3-31	.06	3-31	.11	3-31	.11	3-31	.42	3-31	1.35										
1941		b		c	2-11	.01	2-11	.02	2-11	.03	2-11	.03	2-11	.05	2-11	.08	2-24	.28										

Notes: a - Part-year record. Station placed in operation Aug. 1938. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of record: Good.

Notes: a - Part-year record. Station placed in operation Aug. 1938. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of record: Good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										MOSCOW, IDAHO Watershed W-1										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1937	12-30	0.01	12-30	0.01	12-30	0.03	12-30	0.04	12-30	0.08	12-30	0.14	12-29	0.14	12-29	0.14				
1938	3-19	.02	3-19	.02	3-19	.07	3-19	.10	3-19	.15	3-18	.26	1-14	.72						
1939	3-21	.04	3-21	.04	3-21	.22	3-20	.38	3-20	.57	3-19	1.13	3-17	3.31						
1940	2-6	.14	2-6	.05	2-6	.08	3-7	.16	3-7	.23	2-26	.36	2-25	1.19						
1941	5-17	.03	5-17	.03	2-18	.05	2-18	.13	2-18	.23	2-18	.39	2-18	1.32						
1942	1-27	.02	1-27	.02	1-27	.03	2-4	.07	2-4	.11	2-4	.18	2-4	.28	2-1	.76				
Notes: a - Part-year record. Station placed in operation Dec. 1937. Quality of record: Good.																				

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS					MAXIMUM VOLUME FOR SELECTED TIME INTERVAL										Watershed W-2			
YEAR	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1937	12-30	0.01	12-30	0.01	12-30	0.02	12-30	0.04	12-30	0.07	12-30	0.10	12-29	0.14	12-28	0.16		
1938	1-22	.02	1-22	.02	3-19	.04	3-19	.08	3-19	.14	3-18	.22	3-18	.33	3-18	.81		
1939	3-20	.05	3-20	.05	3-20	.10	3-20	.27	3-20	.41	3-20	.56	3-20	1.11	3-18	3.11		
1940	3-7	.04	3-7	.04	3-7	.08	3-7	.16	3-7	.22	3-7	.29	2-27	.44	2-25	1.31		
1941	1-25	.04	1-25	.04	1-25	.07	1-18	.13	1-18	.23	1-18	.36	1-18	.60	1-18	1.32		
1942	1-27	.03	1-27	.03	1-27	.05	1-27	.09	2-4	.14	2-4	.20	2-4	.30	2-1	.76		
Notes: a - Part-year record. Station placed in operation Dec. 1937. Quality of record: Good																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										NEWBERG, OREGON Watershed W-1								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	12-2	0.01	12-2	0.01	12-2	0.01	12-2	0.03	12-2	0.06	12-1	0.12	12-2	0.16	12-1	0.28		
1939	5-22	.57	5-22	.09	5-22	.09	2-14	.23	2-14	.42	2-14	.77	2-14	1.41	2-11	3.90		
1940	2-6	.07	2-6	.06	2-6	.11	2-6	.22	2-6	.59	2-5	1.07	2-6	1.68	2-5	4.29		
1941	10-1	.99	10-1	.12	10-1	.14	12-19	.25	12-19	.51	12-19	.97	12-18	1.76	12-17	4.87		
1942	12-27	.06	12-27	.06	12-27	.11	12-27	.29	12-27	.54	12-29	.99	12-29	1.73	12-24	4.27		
Notes: a - Part-year record. Station placed in operation July 1938. Quality of records: Good																		

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										NEWBERG, OREGON				Watershed W-2			
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL														
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days		
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	
1938	Station placed		in operation	July 29	No runoff	July 29	Dec. 31.										
1939	2-12	0.02	2-12	0.02	2-12	0.03	2-12	0.08	2-14	0.13	2-14	0.23	2-14	0.36	2-11	0.83	
1940	2-5	.04	2-5	.04	2-5	.08	2-5	.23	2-5	.38	2-5	.66	2-5	1.01	2-5	1.46	
1941	12-19	.03	12-19	.03	12-19	.06	12-19	.16	12-19	.31	12-19	.56	12-19	.97	12-16	1.92	
1942	12-27	.04	12-27	.04	12-27	.08	12-27	.19	12-27	.31	12-27	.60	12-27	1.02	12-24	2.25	
Notes: Quality of records: Good																	

NEWBERG, OREGON Watershed W-3																
ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
1938	12-2	0.06	12-2	0.06	12-2	0.09	12-2	0.18	12-2	0.24	12-2	0.26	12-2	0.30	12-1	0.38
1939	2-12	.23	2-12	.17	2-11	.31	2-11	.55	2-14	.80	2-11	1.18	2-11	1.52	2-8	2.94
1940	2-5	.56	2-5	.37	2-5	.71	2-5	1.44	2-5	2.38	2-5	2.90	2-5	3.51	2-3	4.71
1941	12-15	.22	12-15	.19	12-15	.36	12-18	.64	12-18	1.10	12-18	1.72	12-18	2.85	12-15	5.84
1942	12-27	.27	12-27	.25	12-27	.49	12-27	.95	12-26	1.27	12-26	1.56	12-26	1.93	12-24	4.02

Notes: a - Part-year record. Station placed in operation July 1938. Quality of records: Good

Notes: a - Part-year record. Station placed in operation July 1938. Quality of records: Good

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										NEWBERG, OREGON Watershed W-4								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1938	Station	placed in operation	July 9.	No runoff	July 9 - Dec. 31.													
1939	2-12	0.18	2-11	0.14	2-11	0.23	2-11	0.43	2-11	0.60	2-11	0.95	2-11	1.34	2-8	2.72		
1940	2-5	.52	2-5	.48	2-5	.62	2-5	1.06	2-5	1.85	2-5	2.12	2-5	2.47	2-4	3.32		
1941	12-15	.15	12-15	.15	12-15	.28	12-17	.53	12-17	.94	12-17	1.39	12-17	2.54	12-15	5.18		
1942	12-27	.37	12-27	.34	12-27	.64	12-27	1.35	12-26	1.72	12-26	2.04	12-26	2.52	12-24	4.82		
Notes: Quality of records: Good.																		

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1939	Station placed		in operation Aug. 16.		No runoff Aug. 16 to Dec. 31.													
1940	2-28	0.03	2-28	0.01	2-28	0.02	3-7	0.02	3-7	0.02	3-7	0.02	3-7	0.02	2-28	0.59		
1941	7-3	1.13	7-3	.22	7-3	.23	7-3	.23	7-3	.23	7-3	.23	7-3	.23	12-14	.28		
1942	1-24	.01	1-24	.01	1-24	.01	1-24	.01	1-24	.01	1-24	.01	1-24	.01	1-24	.02		

Notes: Quality of record: Good

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. South Fork Palouse River Above Paradise Cr.									
YEAR	MAXIMUM DISCHARGE		1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
a1934		b		c	12-22	0.01	12-22	0.01	12-21	0.03	12-21	0.04	12-21	0.06	12-20	0.13			
1935	1-25	0.01	1-25	0.01	1-25	.02	1-25	.04	1-24	.09	1-24	.16	1-24	.26	1-24	.52			
1936	2-28	.01	2-28	.01	2-28	.02	2-28	.05	2-28	.10	2-28	.18	2-27	.32	2-27	.88			
1937	4-15	.01	4-15	.01	4-15	.02	4-15	.05	4-14	.09	4-14	.16	4-14	.20	4-14	.51			
1938	3-18	.01	3-18	.01	3-18	.01	3-18	.03	3-18	.06	3-18	.10	3-18	.16	3-18	.43			
1939	3-21	.01	3-20	.01	3-20	.02	3-20	.06	3-20	.11	3-20	.18	3-20	.36	3-18	1.15			
a1940	3-7	.01	3-7	.01	3-7	.02	3-7	.05	3-7	.08	3-7	.12	2-27	.18	2-26	.54			

Notes: a - Part-year record. Station placed in operation Oct. 1934; discontinued July 1940.
b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - good

Notes: a - Part-year record. Station placed in operation Oct. 1934; discontinued July 1940.

b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Missouri Flat Creek									
YEAR	MAXIMUM DISCHARGE			MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
	1 hour		Rate	2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Vol.		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
1934	12-21	0.01	0.01	12-21	0.01	12-21	0.04	12-21	0.06	3-5	0.14	3-5	0.18	3-1	0.36				
1935	1-24	.02	.02	1-24	.03	1-24	.08	1-24	.15	1-24	.24	1-24	.38	1-24	.85				
1936	3-2	.02	.02	3-2	.04	3-2	.12	3-2	.17	3-1	.23	2-29	.45	2-27	1.14				
1937	4-15	.02	.02	4-15	.04	4-15	.09	4-14	.15	4-14	.18	3-10	.27	3-5	.92				
1938	3-19	.02	.02	3-19	.03	3-19	.07	3-19	.11	3-18	.18	3-18	.23	3-16	.56				
1939	3-19	.02	.02	3-19	.05	3-19	.13	3-19	.20	3-19	.30	3-19	.55	3-17	1.58				
1940	3-7	.02	.02	3-7	.04	3-7	.12	3-7	.18	3-7	.22	2-26	.26	2-25	.72				
Notes: a - Part-year record. Station placed in operation Oct. 1934; discontinued July 1940. Quality of record - good.																			

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Four Mile Creek								
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL															
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days			
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1934	12-21	0.01	12-21	0.01	12-21	0.01	12-21	0.03	12-21	0.04	12-21	0.06	12-20	0.08	12-20	0.17		
1935	1-24	.02	1-24	.02	1-24	.03	1-24	.09	1-24	.17	1-24	.26	1-23	.41	1-24	.76		
1936	2-28	.02	2-28	.02	2-28	.03	2-28	.08	2-28	.14	2-27	.23	2-27	.44	2-27	1.00		
1937	3-3	.01	3-3	.01	3-3	.02	3-3	.06	3-3	.10	3-2	.16	3-1	.30	3-2	.83		
1938	3-19	.01	3-19	.01	3-19	.02	3-19	.05	3-19	.08	3-18	.14	3-18	.21	3-18	.53		
1939	3-19	.02	3-19	.02	3-19	.03	3-19	.09	3-19	.14	3-19	.21	3-18	.42	3-17	1.14		
1940	3-7	.02	3-7	.02	3-7	.03	3-7	.09	3-7	.12	3-7	.19	2-27	.24	2-25	.67		

Notes: a - Part-year record. Station placed in operation Oct. 1934; discontinued July 1940. Quality of record - good.

Notes: a - Part-year record. Station placed in operation Oct. 1934; discontinued July 1940. Quality of record - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Watershed GS 2									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
	Date	Rate	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
1931		b	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
				c	12-21	0.01	12-21	0.02	12-21	0.03	12-21	0.05	12-20	0.07	12-18	0.18			
1932	1-11	0.25	1-11	0.18	1-11	.26	1-11	.64	3-5	.76	3-5	1.05	3-5	1.26	2-24	2.50			
1933	1-5	.17	1-5	.17	1-5	.34	1-5	.89	1-5	1.13	1-5	1.63	1-5	1.69	1-4	3.25			
1934	1-3	.09	1-3	.06	1-3	.10	1-3	.14	1-3	.20	3-5	.21	1-2	.30	2-26	.65			
1935	3-28	.02	3-28	.02	3-28	.03	3-28	.07	1-24	.11	1-24	.18	1-23	.31	1-23	.57			
1936	2-28	.02	2-28	.02	2-28	.04	2-28	.09	2-28	.14	2-28	.23	2-27	.43	2-24	.82			
1937	3-2	.03	3-2	.02	3-2	.05	3-2	.14	3-2	.25	3-2	.35	3-2	.49	3-1	.86			
1938	3-18	.01	3-18	.01	3-18	.02	3-18	.05	3-18	.07	3-18	.11	3-18	.15	3-16	.36			
1939	2-15	.04	2-15	.04	2-15	.08	2-14	.17	2-14	.21	2-14	.27	2-14	.38	2-12	1.18			
1940	3-7	.02	3-7	.01	3-7	.02	3-7	.04	3-7	.06	3-7	.07	3-7	.09	2-21	.16			
1941	3-3	.02	4-10	.01	4-10	.01	4-10	.03	4-10	.05	4-10	.06	4-10	.07	2-24	.13			
1942	12-30	.03	12-30	.03	12-30	.06	12-30	.15	12-30	.31	12-30	.54	12-30	.60	12-24	.80			
1943	2-12	.03	2-12	.03	2-12	.06	2-12	.14	2-12	.20	2-12	.27	2-12	.46	2-12	1.14			
1944	3-9	.02	3-9	.02	3-9	.04	3-9	.12	3-9	.17	3-9	.18	3-9	.21	3-8	.34			
1945	12-28	.18	12-28	.08	12-28	.10	12-28	.11	12-28	.12	12-28	.15	12-28	.15	12-25	.16			
1946	3-6	.06	2-27	.03	2-27	.05	2-27	.10	2-27	.14	2-27	.17	2-26	.20	2-21	.52			

Notes: a - Part-year record. Station placed in operation Aug. 1931; discontinued July 1946. b - Rate less than 0.005 m/hr
c - Volume less than 0.005 in. Quality of records - good.

Notes: a - Part-year record. Station placed in operation Aug. 1931; discontinued July 1946. b - Rate less than 0.005 in/hr
 c - Volume less than 0.005 in. Quality of records - good.

YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1931	12-21	0.03	12-21	0.03	12-21	0.04	12-21	0.08	12-27	0.15	12-27	0.20	12-27	0.20	12-20	0.39
1932	3-27	.30	3-28	.12	3-28	.18	12-26	.44	12-26	.72	12-26	.91	12-26	1.00	12-26	1.13
1933	12-22	.47	12-6	.12	12-6	.22	12-6	.55	12-6	.66	12-6	1.23	12-6	1.25	12-17	1.94
1934	1-3	.18	1-3	.11	1-3	.15	3-5	.25	3-5	.30	3-5	.33	1-22	.48	1-16	.57
1935		0		0		0		0		0		0		0		0
1936	2-27	.11	2-27	.09	2-27	.18	2-27	.42	2-27	.93	2-27	1.18	2-26	1.47	2-22	2.42
1937	12-30	.39	12-30	.08	12-30	.12	12-30	.19	12-30	.22	3-7	.27	3-7	.33	3-7	.68
1938	1-13	.14	1-13	.08	1-13	.09	1-20	.13	1-20	.19	1-20	.20	1-20	.35	1-15	.70

Notes: a - Part-year record. Station placed in operation Oct. 1931; discontinued July 1938. Quality of record - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS				PULLMAN, WASH. WATERSHED GS 5												
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL													
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days	
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1932	12-26	0.04	12-26	0.04	12-26	0.09	12-26	0.22	12-26	0.33	12-26	0.38	12-26	0.42	12-26	0.58
1933	1-5	.10	1-5	.09	1-5	.16	1-5	.32	1-7	.66	1-7	.74	1-7	1.14	1-4	2.37
1934	12-21	.15	12-21	.06	12-21	.09	12-21	.17	12-21	.18	12-21	.22	12-21	.33	12-20	.82
1935	4-5	.03	3-28	.02	3-28	.03	1-25	.07	1-25	.16	1-25	.25	1-24	.42	1-23	1.00
1936	3-14	.02	3-14	.02	3-14	.04	3-14	.10	3-14	.12	3-14	.18	3-14	.22	3-8	.42
1937	3-2	.05	3-2	.03	3-2	.05	3-2	.17	3-2	.26	3-2	.34	3-2	.43	3-1	.81
1938	3-19	.04	3-19	.04	3-19	.07	3-19	.08	3-19	.10	3-19	.12	3-18	.17	3-16	.32
1939	3-17	.02	3-17	.02	3-17	.04	3-17	.06	3-17	.12	3-17	.17	3-17	.30	3-16	.59
1940	3-7	.04	1-28	.03	1-28	.05	1-28	.10	1-28	.12	1-28	.14	1-27	.23	12-20	.41
1941	1-25	.05	1-25	.04	1-25	.07	1-25	.11	1-25	.17	1-25	.21	1-24	.37	1-18	.97
1942	12-31	.02	12-31	.02	12-31	.04	12-31	.12	12-31	.23	12-31	.38	12-30	.41	12-24	.44
1943	2-20	.03	2-20	.03	2-20	.05	3-31	.12	3-31	.16	3-31	.24	2-19	.38	2-11	1.04
1944	3-9	.07	3-9	.07	3-9	.12	3-9	.29	3-9	.35	3-9	.36	3-9	.38	3-8	.39
1945	12-28	1.08	12-28	.46	12-28	.53	12-28	.58	12-28	.61	12-28	.72	12-28	.84	12-28	.85
1946	3-6	.44	1-2	.10	1-2	.14	1-2	.21	2-27	.25	2-27	.27	2-27	.31	2-21	.56

Notes: a - Part-year record. Station placed in operation Sept., 1932; discontinued July 1946. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Watershed GS 6									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1932	12-26	0.03	12-26	0.03	12-26	0.06	12-26	0.15	12-26	0.24	12-26	0.26	12-26	0.27	12-26	0.31			
1933	12-6	.39	12-5	.17	12-5	.24	12-5	.43	1-7	.74	12-6	.87	1-7	1.42	1-4	2.45			
1934	1-23	.16	1-23	.10	1-23	.15	1-23	.20	1-22	.32	1-22	.37	1-22	.60	1-16	1.00			
1935	3-28	.01	3-28	.01	3-28	.02	1-24	.04	1-24	.08	1-24	.16	1-23	.26	4-5	.42			
1936	2-28	.06	2-28	.06	2-28	.10	2-27	.25	2-27	.45	2-27	.61	2-27	1.01	2-26	1.45			
1937	3-2	.05	3-2	.05	3-2	.08	3-2	.19	3-2	.32	3-2	.42	3-2	.79	3-2	1.93			
1938	3-19	.01	3-19	c	3-19	.01	3-19	.01	3-19	.04	3-18	.07	3-18	.11	3-16	.27			
1939	3-19	.02	3-19	.01	3-19	.02	3-19	.09	3-19	.12	3-18	.16	3-18	.31	3-17	.63			
1940	12-20	.04	12-20	.04	12-20	.06	12-20	.16	12-20	.24	12-20	.36	12-19	.42	12-19	.57			
1941	6-17	.19	1-25	.07	1-25	.11	1-25	.15	1-25	.18	1-25	.21	1-24	.38	1-18	.86			
1942	2-4	.02	2-4	.02	2-4	.03	2-4	.06	2-4	.12	2-4	.17	2-4	.28	1-31	.70			
1943	2-6	.03	2-6	.03	2-6	.06	2-6	.16	2-6	.26	2-6	.36	2-6	.46	2-6	1.25			
1944	3-9	.04	3-9	.04	3-9	.07	3-9	.16	3-9	.19	3-9	.20	3-9	.31	3-8	.38			
1945	12-28	1.10	12-28	.51	12-28	.51	12-21	.57	12-28	.69	12-28	.82	12-28	.93	12-28	.96			
1946	3-7	.70	3-7	.15	2-27	.23	2-27	.39	2-27	.49	2-27	.53	2-26	.58	2-22	1.07			

Notes: a - Part-year record. Station placed in operation August 1932; discontinued July 1946. c - Volume less than 0.005 in. Quality of record - good.

Notes: a - Part-year record. Station placed in operation August 1932; discontinued July 1946. c - Volume less than 0.005 in. Quality of record - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS																Pullman, Wash. Watershed GS 7					
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																		
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days						
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.					
a1932		b		c		c		c		c	12-26	0.03	12-26	0.03	12-26	0.09					
1933	12-9	0.06	12-9	0.06	12-9	0.12	12-9	0.32	12-9	0.53	12-22	.68	12-22	.89	12-18	2.16					
1934	1-23	.04	1-22	.04	1-23	.08	1-23	.19	1-22	.33	1-22	.46	1-22	.79	1-16	1.11					
1935	1-24	.02	1-24	.02	1-24	.04	1-24	.11	1-24	.20	1-24	.30	1-24	.52	1-23	1.01					
1936	3-2	.02	3-2	.02	3-2	.03	3-2	.08	3-1	.14	3-1	.21	3-1	.40	2-28	1.11					
1937	4-15	.02	4-15	.02	4-15	.04	4-15	.10	4-14	.16	4-14	.23	4-14	.30	3-5	1.24					
a1938	3-19	.14	3-19	.14	3-19	.26	3-19	.74	3-19	1.22	3-19	1.87	3-18	2.57	3-15	6.89					

Notes: a - Part-year record. Station placed in operation July 1932; discontinued July 1938. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - good.

Notes: a - Part-year record. Station placed in operation July 1932; discontinued July 1938. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Watershed GS 8										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1934	12-21	0.02	12-21	0.02	12-21	0.04	12-21	0.08	12-21	0.11	12-21	0.11	12-20	0.13	12-19	0.23				
1935	1-24	.01	1-24	.01	1-24	.03	1-24	.07	1-24	.10	1-24	.19	1-23	.31	1-23	.59				
1936	2-28	.02	2-28	.02	2-28	.05	2-28	.12	2-28	.17	2-28	.26	2-28	.43	2-27	.90				
1937	3-2	.02	3-2	.02	3-2	.03	3-2	.09	3-2	.14	3-2	.20	3-2	.32	3-1	.67				
1938	3-18	.01	3-8	.01	3-8	.02	3-8	.06	3-8	.08	3-8	.12	3-8	.18	3-15	.37				
1939	3-18	.02	3-18	.02	3-18	.04	3-18	.09	3-18	.14	3-18	.20	3-18	.34	3-16	.83				
1940	3-7	.04	3-7	.04	3-7	.06	3-7	.13	3-7	.16	3-7	.18	3-7	.22	2-25	.50				
1941	6-17	.05	6-17	.04	6-17	.04	6-17	.05	1-18	.09	1-18	.14	1-17	.23	1-17	.54				

Notes: a = Part-year record. Station placed in operation July 1934; discontinued Sept. 1941. Quality of records = good.

Notes: a = Part-year record. Station placed in operation July 1934; discontinued Sept. 1941. Quality of records = good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Watershed GS 9									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1941	12-18	0.01		c	12-18	0.01	12-18	0.03	12-18	0.04	12-18	0.07	12-18	0.12	12-14	0.21			
1942	2-4	.03	2-4	.03	2-4	.06	2-4	.13	12-31	.21	12-31	.26	12-30	.27	1-28	.66			
1943	2-12	.06	2-12	.06	2-12	.11	2-12	.26	2-12	.35	2-12	.43	2-12	.71	2-10	1.48			
1944	3-9	.04	3-9	.04	3-9	.07	3-9	.16	3-9	.19	3-9	.21	3-9	.25	3-8	.29			
1945	12-28	.12	12-28	.05	12-28	.06	12-28	.09	12-28	.12	12-28	.15	12-28	.17	12-26	.18			
1946	2-27	.09	2-27	.07	2-27	.11	2-27	.26	2-27	.39	2-27	.50	2-27	.56	2-23	.93			

Notes: a - Part-year record. Station placed in operation July 1941; discontinued July 1946. c - Volume less than 0.005 in. Quality of records - good.

Notes: a - Part-year record. Station placed in operation July 1941; discontinued July 1946. c - Volume less than 0.005 in. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Pullman, Wash. Watershed GS 10									
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days				
			Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.			
1941	b	c																	
1942	1-27	0.02	1-27	0.02	12-16	0.01	12-16	0.02	12-16	0.04	12-18	0.05	12-17	0.08	12-14	0.20			
1943	2-12	.03	2-12	.03	1-27	.03	12-31	.08	12-31	.14	12-31	.18	1-26	.21	1-26	.40			
1944	3-9	.04	3-9	.04	2-12	.07	3-9	.16	2-12	.26	3-9	.22	2-12	.61	2-11	1.38			
1945	12-28	.02	12-28	.02	3-9	.07	12-28	.09	3-9	.15	12-28	.21	3-9	.26	3-9	.41			
1946	2-27	.04	2-27	.04	2-27	.07	2-27	.17	2-27	.26	2-27	.33	12-28	.31	12-24	.38			
1947	1-25	.02	1-25	.02	1-25	.05	1-25	.12	1-25	.19	1-25	.22	2-26	.40	2-22	1.00			
													1-24	.35	1-23	.66			

Notes: a - Part-Year record. Station placed in operation July 1941; discontinued July 1947. b - Rate less than 0.005 in./hr. c - Volume less than 0.005 in. Quality of records - good.

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Monticello, Illinois Watershed I-A										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
			1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days					
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1949	10-21	0.24	10-21	0.15	12-21	0.23	12-21	0.54	12-21	0.68	12-21	0.75	12-21	0.75	12-21	0.75	12-21	0.77		
1950	1-3	.07	1-3	.06	1-3	.11	1-3	.27	1-3	.51	1-3	.65	1-3	.65	1-3	.66	1-3	.94		
1951	7-9	.70	7-9	.45	7-9	.63	2-20	.84	2-20	1.18	2-20	1.18	2-20	1.18	2-20	1.18	2-20	1.18		
1952	4-22	.15	4-22	.14	4-22	.23	4-22	.43	4-22	.61	4-22	.63	4-22	.63	4-22	.63	4-22	.63		
1953	3-14	.09	3-14	.08	3-14	.14	3-14	.21	3-14	.22	3-14	.22	3-14	.22	3-30	.26	3-30	.26		
1954		0		0		0		0		0		0		0		0		0		
1955	5-28	.45	10-6	.30	10-6	.48	10-6	.92	10-6	.96	10-6	.96	10-6	.96	10-6	.96	10-6	.96		
1956	7-8	T	7-8	T	7-8	T	7-8	T	7-8	T	7-8	T	7-8	T	7-8	T	7-8	T		
1957	6-28	.11	6-28	.10	6-28	.17	6-28	.25	6-28	.26	6-28	.26	4-26	.30	4-26	.30	4-26	.30		
1958	6-10	.48	6-10	.31	6-10	.46	6-10	.55	6-10	.55	6-10	.55	6-10	.55	6-10	.55	6-10	.55		
Notes: Records began July 1949. e - Estimated from comparison with Watershed IB. Quality of records - Excellent. Research Project 10-312 Agricultural Engineering Department, University of Illinois in cooperation with U. S. D. A.																				

ANNUAL MAXIMUM DISCHARGES IN INCHES PER HOUR AND ANNUAL MAXIMUM VOLUMES OF RUNOFF IN INCHES FOR SELECTED TIME INTERVALS										Monticello, Illinois Watershed I-B										
YEAR	MAXIMUM DISCHARGE		MAXIMUM VOLUME FOR SELECTED TIME INTERVAL																	
	1 hour		2 hours		6 hours		12 hours		1 day		2 days		8 days							
	Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1949	10-21	0.30	10-21	0.15	12-21	0.30	12-21	0.64	12-21	0.80	12-21	0.85	12-21	0.85	12-17	0.86				
1950	1-13	.10	1-13	.09	1-13	.16	1-13	.38	1-3	.56	1-3	.77	1-3	.98	1-3	.98				
1951	7-9	.28	7-9	.24	7-9	.42	2-20	.84	2-20	e1.18	2-20	e1.18	2-20	e1.18	2-20	e1.18				
1952	4-22	.13	4-22	.12	4-22	.21	4-22	.43	4-22	.66	4-22	.70	4-22	.70	4-22	.70				
1953	3-30	.12	3-30	.10	3-30	.15	3-30	.19	3-30	.20	3-30	.26	3-30	.27	3-30	.27				
1954	8-9	T	8-9	T	8-9	T	8-9	T	8-9	T	8-9	T	8-9	T	8-9	T				
1955	10-6	.33	10-6	.29	10-6	.56	10-6	1.14	10-6	1.18	10-6	1.18	10-6	1.18	10-6	1.18				
1956	7-8	.02	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01	7-8	.01				
1957	6-28	a .11	6-28	a .10	6-28	a .18	6-28	a .28	6-28	a .30	6-28	a .30	4-26	.34	4-26	.34				
1958	6-10	.13	7-11	.11	7-11	.18	7-11	.31	7-11	.31	7-11	.31	7-11	.31	7-11	.40				

Notes: Records began Sept. 1949. a - Estimated from comparison with Watershed Ia. e - Partially estimated. Quality of records: Excellent. Research Project 10-312 Agricultural Engineering Department, University of Illinois in cooperation with U. S. D. A.

Notes: Records began Sept. 1949. a - Estimated from comparison with Watershed IA. e - Partially estimated.
 Quality of records: Excellent. Research Project 10-512 Agricultural Engineering Department, University of Illinois in cooperation with U. S. D. A.

